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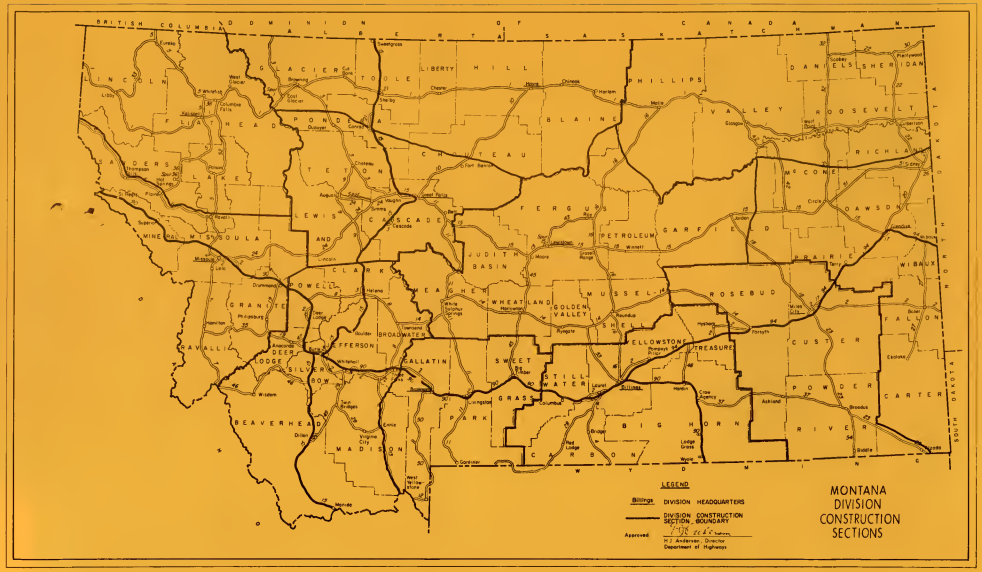
FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

AUGUST 7, 1978


BRITISH COLUMBIA
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ALBERTA
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SANDERS
LAKE
TETON
CHOUTEAU
RICHLAND
LEWIS AND CLARK
CASCADE
FERGUS
PETROLEUM
GARFIELD
McCONE
DAWSON
MINERAL
MISSOULA
JUDITH BASIN
PRAIRIE
WIBAUX
POWELL
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
GRANITE
BROADWATER
JEFFERSON
RAVALLI
DEER LODGE
SILVER BOW
GALLATIN
SWEET GRASS
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Department of Highways
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DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

AUGUST 4, 1978

Montana Department of Highways
Helena, Montana 59601

Progress Report

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending August 4, 1978.

G E N E R A L

Skies have been mostly clear the past period. Progress has been good on the active projects.

P R E C O N S T R U C T I O N

F 6-1(5), Thompson Falls-East — Personnel Unassigned
Length 10 Miles, Preliminary Engineering
Work will be started when personnel are available.

F 7-1(9), Darby-North & South — Personnel Unassigned
Length 17 Miles
Work will be started when personnel are available.

FF 7-1(10), Victor-South — Al Dutton, Field Project Manager
Length 9.5 Miles — Missoula, Montana, Phone 549-6491
Location survey data submitted to Helena July 19, 1978.

FF 7-1(11), Florence-Lolo, Add 2 Lanes — Jim Smith, Designer II
Personnel on other projects. — Missoula, Montana, Phone 549-6491
No work on this design this past period. Design remains 29% complete.

F 197(8), Dixon-Ravalli — Personnel Unassigned
Length 8.5 Miles, Preliminary Engineering
Work will be started when personnel are available.

RS 269-1(01), State Route 269, Stevensville — Jim Smith, Designer II
Length 0.8 Miles — Missoula, Montana, Phone 549-6491
Personnel on other projects.
Minor work this past period on this design. Design remains 34% complete.

M 8199(3), Russell — Jim Smith, Designer II
and 39th Street Intersection — Missoula, Montana, Phone 549-6491
Personnel on other assignments.
Work this past period consisted of plotting of x-sections and computations on surfacing quantities. Additional and revised topog has not been received as of this date. Design is 20% complete.

CONSTRUCTION

I 90-1(80)0 U-2, Lookout Pass-Saltese
Median Rail Removal
Contract Let - February 23, 1978
Amount of Contract - $139,660.40
Work Proceed Date - April 21, 1978
Work Started - June 7, 1978

R. Redding Construction Co., Inc.
Spokane, Washington, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time - 100 Working Days
Possible completion date - Nov. 1978

The contractor has completed forming the deck at Sta. 568 and is forming the deck at Sta. 557 and is also removing the median curbs and deck at Sta. 535. The contract as a whole is 10% complete with 57% of the Contract Time elapsed. Three engineers are engaged.

I 90-1(78)11, Saltese-DeBorgia
Length - 10.8 Miles
PMS, PCCP, & Related Items
Contract Let - April 28, 1977
Amount of Contract - $6,244,632.55
Work Proceed date - May 24, 1977
Work started - June 8, 1977

Peter Kiewit Son's Company
Billings, Montana, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Contract Time - 240 Working Days
Probable completion date - Oct. 1978

Peter Kiewit has 13 men working 5-8 hour shifts per week preparing machinery for concrete paving and misc. items. Temporary surfacing at DeBorgia Interchange E.B. Sta. 990 to 997+75 has been removed and placement of C.B.S. Type A Grade 5 is underway. Traffic has been switched to two-way traffic throughout the project. Erosion control work along railroad tracks Rt. Sta. 670 to 760 is also underway. Concrete paving has been delayed since 7-10-78 due to machinery breakdown at Trident causing a cement shortage to this date. Washington Const. Co., sub-contractor working 5-8 hour shifts per week washing and stockpiling concrete aggregate at their St. Regis Pit. Seven men employed on this operation. One 6 man survey crew is working when needed on this project, assigned to adjacent project remainder of time. Four persons testing and weighing materials and on inspection duty. Contract as a whole remains 52% complete with 50% of the Contract Time elapsed. Construction layout is 56% complete. Major Items are Plant Mix Bitum. Surf. is 80% complete and Portland Cement Pavement is 32% complete.

I 90-1(77)22, U-4, Drexel-East & West
Construction Dual 122.5 ft. Concrete
Girder Overpass (Drexel Interchange)
Contract let - June 27, 1977
Work proceed date - July 18, 1977
Work started - July 18, 1977
Amount of Contract - $403,433.16

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract time - 150 working days
Completion Date - July 19, 1978

Work during the past two weeks has consisted of Painting the Bridge Rail and applying the Deck Treatment. This project was completed July 19, 1978.

I 90-1(77)22, U-5, Drexel-East & West
Two Concrete Girder Bridges
Contract Let - February 24, 1977
Amount of Contract - $1,102,551.98
Work Proceed date - April 18, 1977
Work Started - April 29, 1977

McIntyre Construction Co. &
S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract time - 200 Working days
Probable completion date - August 30, 1978

The contractor has completed all work on this project on 7-31-78, within the allowable contract time but with no time left. The contractor has released a 15 man work force. No method of repair has been agreed upon for the curb span #4/252 or the deck sections over the piers/242. The project is 100% complete with 100% of the contract time elapsed. The construction layout is 100% complete with 3 engineers being engaged.

I 90-1(77)22, U-6, Drexel - East & West
Length - 1.207 Miles
Construction of End Bents & Composite Steel and Concrete Girder Bridges
Contract let - May 26, 1977
Amount of Contract - $1,242,649.35
Work Proceed Date - June 24, 1977
Work Started - July 26, 1977

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Probable completion date - November, 1978

Project has been fair this past period, the E.B. deck slab at Sta. 169 & 72 has been placed and reinforcing steel has been placed and the deck machine is being set to grade on the W.B. structure. The contractor has employed 6 to 22 men, working 8 hours or more per day, for the last 14 days. Steel is being bolted and graded at structure at Sta. 183 & 57. The status of pay items is as follows: Concrete A D-86%; Concrete BC-17%; Structure Steel-18.9%; Erect Structure Steel-92.1% and Reinforcing Steel-39%. The project as a whole is 51% complete, with 70% of the total contract time used.

I 90-1(77)22, U-7, Drexel - East & West
Length- 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed date - May 22, 1978
Work Started - May 22, 1978

Rehbein Contracting, Inc.
Plains, Montana, Contractor
James Cyr, Field Project Manager
St. Regis, Montana, Phone 649-2601
Probable Completion Date-October 1980
Contract time - 300 working days

The contractor has an average of 65 men employed working 2-10 hour shifts per day 5 days week, clearing R/W and bringing down cut slopes. McIntyre & Birch, sub-contractors are working on concrete retaining wall at Sta. 255±. Unclass. Exc. is approximately 17% complete, clearing is approximately 88% complete and pipe installation is approximately 1% complete.

I-IG 90-1(61)27, U-1, St. Regis-East & West
Length - 151 Ft. Prestressed Girder Bridge
376.03 Composite Steel and Concrete Girder Bridge over St. Regis River
Contract let - March 31, 1977
Amount of Contract - $1,007,222.56
Work proceed date - April 26, 1977
Work started - April 26, 1977

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract time - 250 working days
Probable completion date - November 15, 1978

Work during the past weeks has consisted of stripping deck forms on span No. 4, Finishing curb concrete, sandblasting structural steel, painting the bridge rail and spot painting structural steel on span No. I. Construction layout is 82% complete; with 3 engineers engaged.

I-IG 90-1(61)27, U-2, St. Regis - East & West
Length - 212.5 Ft. Prestressed Concrete
Girder Bridge over St. Regis River and
78.0 Ft. Dual Separation Street
Contract let - June 22, 1978
Amount of Contract - $633,002.62

Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Probable completion date - Nov. 1979
Contract time - 160 working days

The contractor has cleared the construction site at Station 525 and is moving in equipment and materials. There are 3 engineers engaged.

I 90-1(59)35, U-1, St. Regis - East
Length - 3.6 Miles, GR-Agg. Surf.-PMB
Sign and Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work started - January 25, 1977

Washington Construction Company
Missoula, Montana, Contractor
James Williams, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract time - 220 working days
Probable completion date - Oct. 1978

The contractor has been hauling and placing rock cap, gravel and topsoil, doing finish work and working on erosion control the past two weeks. He plans to start placing plant mix base on August 7, 1978. Progress has been good. The Uncl.-Exc. is 95% complete. The contract as a whole is 88% complete with 66% of the contract time elapsed. The Construction layout is 75% complete with 12 engineers engaged.

I 90-1(70)76, Alberton-East
I 90-2(51)78, U-1, Huson-West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Surf. Fencing
Amount of Contract - $2,796,608.96
Work Proceed date - April 17, 1978
Work started - February 21, 1978

Hilde Construction Company
Great Falls, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract time - 180 Working days
Probable completion date - May 1, 1979

The contractor has completed hauling the borrow from the left of Station 140± and is excavating unclassified excavation from Station 246± and 255±. He is hauling special borrow from the gravel pit ½ mile left of Station 140± and placing it on the roadway from Station 70 to 140± and is excavating shot rock from Station 250± and placing it in a special fill right of station 75±. Also, the contractor is producing 3 in. base Course Gr. 2 and crushed 1½ in. Gr. 5 gravel and placing it on the roadway from Station 306± to 351± East bound and Station 182± to 215± West bound. Sletten Construction has completed the concrete pour at Station 255± and is doing minor clean up work. Uncl.-Exc. is 95.9% complete, Uncl. Borrow is 71.9% complete and the 3 inch gravel is 12.7% complete. The contract as a whole is 49% complete with 38% of the contract time elapsed. The construction layout is 70% complete with 17 engineers engaged.

I 90-3(45)144 Safety Guardrail Upgrade
Bearmouth Canyon
Amount of Contract - $77,867.00

Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491

The award information has not been received to date.

FF 7-2(4)90, U-1, Missoula
Furnishing Signal Material for
Intersection of Brooks & Reserve St.
Amount of Contract - $27,064.09
Contract let - May 25, 1978

Skinner Enterprises
Helena, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion date - October 31, 1978

We received word (verbally) from Andy Skinner that he would have all the material here by Oct. 31, 1978. As of this date there is no material here. 40% Contract time has elapsed.

F 93-1(1)0, U-1, Lolo Pass-Lolo
Length - 16.1 Miles
Overlay & Striping
Contract let - July 28, 1977
Amount of Contract - $689,279.03
Work started - September 12, 1977

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Completion date - June 6, 1978

The final estimate is awaiting checking in the Division Office. It will be forwarded to Helena about August 31, 1978.

F 93-1(1)0, U-2, Lolo Pass-Lolo
Length - 16.5 Miles
Plant Mix Overlay & Striping
Contract let - June 22, 1978
Amount of Contract - $2,046,525.80

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable completion date - July 31, 1979

Work during the past two weeks has consisted of re-establishing center line on Unit 2 and locating R/W on South Hamilton project. We have received no word from the contractor when he intends to begin work on project. Time assessment has been stopped as of July 20 until reclamation plans are approved by State agency. Approximately 50% of the centerline has been established on the Unit 2 project and locating areas of digouts is in progress. Contract time elapsed is 3%; construction layout is 6% complete.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass Over C.M. St. P.&P. Railroad, Approaches & Fencing. Contract awarded-May 2, 1977
Contract let - April 28, 1977
Work proceed date - May 23, 1977
Work started - July 6, 1977
Amount of contract - $360,910.77

General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time - 105 Working days
Probable completion date - October, 1978

All work on this project with the exception of the fertilizing and seeding is 100% complete. Seeding will begin on October 16, 1978. Contract time elapsed is 91%; construction layout is 99% completed; and total contract is 99% completed.

RS-DP 224(14), U-3, Reserve Street
Length - 33.14 Ft. Prestressed Concrete Girder Bridge
Contract let - October 27, 1977
Amount of Contract - $635,990.40
Work Proceed date - April 17, 1978
Work started - November 22, 1977

Sletten Construction Company
Great Falls, Montana, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time - 200 working days
Probable completion date - August, 1978

The contractor has placed concrete in curbs. Contractor is now stripping deck forms and finishing concrete on curbs, bents and backwalls. Contract time elapsed is 30%; construction layout is 95% completed; and total contract is 93% completed.

RS-DP 224(14), U-4, Reserve Street
Length - 1.3 Miles
Grade, Agg. Surf., CTB, Concrete
Paving and Traffic Control
Contract let - February 23, 1978
Amount of Contract - $1,569,222.20
Work proceed date - April 21, 1978
Work started - April 24, 1978

Peter Kiewit Son's Company
Billings, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6591
Contract time - 140 Working days
Probable completion date - November 15, 1978

Contractor ended double shifting on July 31 at the end of the 2nd shift and is currently on a single shift basis. Contractor had 82 men on the project while on double shift and has now 46 men employed. Placement of embankment is continuing between stations 114+00 to 119+00 and from sta. 147+00 to the bridge end at Sta. 151+74.3. Embankment is about 90% complete; installation of storm drain is about 78% complete; culvert excavation is about 90% complete; trench excavation is about 95% complete; installation of irrigation culverts is about 90% complete; fencing is 80% complete; and removal of curbs, sidewalks and misc, items is 100% complete. The state has 7 men on the survey crew, 2 men on density testing, 2 men on grade inspection, 1 man on general inspection, 1 man testing aggregates and 3 employees in the office. Construction layout is 47% complete; contract time elapsed is 54%; total contract is 40% completed.

RS 343(12) Avon-Helmville
Length - 5.1 Miles G-Agg.,SURF.-PMB Widen and Guard Rail Revision
Contract let - May 27, 1976
Amount of Contract - $1,168,747.12
Work Proceed date - June 18, 1976
Work started - July 7, 1976

Washington Construction Company
Missoula, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana, Phone 722-4961
Contract time - 150 Working days
Completion date - July 27, 1977

Final estimate returned to Project Manager, May 9, 1978 for correction.

M-RS 000S(53), Missoula County-Urban
Length- 37.9 Miles, Signing & Delineation
Amount of contract - $58,986.70
Contract let - October 29, 1976
Contract time - 90 working days

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Project completed - June 19, 1977

A semi-final estimate has been submitted to cover increases in quantities. The final estimate will be forwarded to Helena about August 15, 1978.

RRP 4139(55)
Pavement Markings on various
R.R. Highway Crossings
Contract let - May 25, 1978
Amount of Contract - $382,865.10

Pacemaker Industries, Inc.
Spokane, Washington, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable completion date - September 1978

Pre-Construction conference was held in Helena Headquarters. The construction layout is 40% complete with 2 engineers engaged. Some materials have been delivered to the Division Storage Yard.

PMs 4140(52), U-8 & U-11, Lake, Sanders & Missoula Counties
Pavement Markings at various intersections
Contract let - February 23, 1978
Amount of contract - $239,586.51
Work Proceed date - April 21, 1978
Work started - July 11, 1978

Swanston Equipment Company
Fargo, North Dakota, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 90 Working Days
Probable completion date - September 1978

The contractor began work on July 11, 1978. The contract as a whole is 19% complete on the various intersections in Missoula with 30% of the contract time elapsed. The construction layout is 52% complete. The contractor moved to Kalispell on July 25th to work on intersections in that Division.

M 8103(2), U-1, Securement of Equipment
Contract let - March 30, 1978
Amount of Contract - $23,198.00

Western Sign Corporation
Great Falls, Montana, Contractor
Tom Oertli, Field Project Manager
Probable completion date - August 1978

We received word that the delivery will be delayed 3 weeks due to a strike by Supplier. Contract time elapsed is 100%; 5% of the total contract is completed.

M 8105(3), Missoula, Channelization & Signal Revision, W. Broadway & Russell Intersection
Contract let - November 19, 1976
Amount of Contract - $125,400.50
Work Proceed date - April 18, 1978
Work Started - February 23, 1977

Fred Standberg Const. Co., Inc.
Helena, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable completion date - August 1978

There has been no work on this project since the last report. Project remains 95% complete with 89% of the contract time elapsed.

M 8107(4), North Orange Street, Missoula
Length - 0.8 Miles, Lighting & Overhead Monitor. Contract let - August 25, 1976
Amount of Contract - $85,663,22
Work Proceed date - September 20, 1976
Work started - March 11, 1977
Work suspended - April 25, 1978

Midland Electric Company
Billings, Montana, Contractor
Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time - 60 working days
Completion date - July 25, 1978

The project was completed on July 25, 1978. There has been one reported malfunction of the overheight monitor since the project was completed.

M 8113(1), South Higgins Avenue
Changeable Message Signs
Project let - February 23, 1978
Amount of Contract - $9,510.00
Work started - July 25, 1978

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Completion date - July 27, 1978

Two men started work July 25, 1978 and completed project July 27, 1978 at the end of shift. Equipment was one power ladder truck and various hand tools. Contract time is 100% completed.

M 8199(6), U-1, CBD Signal Update
Replacing Signal Controllers
Project let - February 23, 1978
Amount of Contract - $32,341.00

Allen Electric Company
Helena, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable completion date - October 1978

Contractor is waiting for materials needed for the Traffic Controllers Cabinets, which should be delivered in September. No work has been done on the construction layout.

SMP AR 1120-8853-1200, Van Buren Inter change Str.
Project let - February 23, 1978
Amount of contract - $27,203.00
Work Proceed date - April 21, 1978
Work started - May 30, 1978

Frontier Construction Company
Missoula, Montana, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Completion date - July 20, 1978

The project was completed on July 20, 1978.

SMP 2499-78, Maintenance Stockpiles
Award date - March 31, 1978
Amount of Contract - $149,240.00
4 crusher setups in Missoula, Mineral, Lake and Sanders Counties
Work Proceed Order - April 21, 1978
Work started - June 28, 1978

Washington Construction Company
Missoula, Montana, Contractor
Dwight Lohn, Lab. Supervisor
Missoula, Montana, Phone 549-6491
Contract time - 65 Working days
Probable completion date - August 18, 1978

Progress has been good this past week, with 8,004 Tons of ½" Gr. 4 A material, crushed and stockpiled on Ravalli hill from Pit 4530-52 in Sanders County, and Change Order No. 1 completed (deleted material from Pit 2410-48, and obtained it from Pit 4530-52), with 6003 Tons of ½" Gr. 4 A, 2,000 Tons of 3/8" cover material and 1702 Tons of reject crushed and stockpiled at maintenance yard near Ronan. The contractor is now moving into Pit 3210-54 near Frenchtown. The contract is 74% completed, with 57% of the contract time elapsed.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

August 4, 1978

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending August 4, 1978.

G E N E R A L

Progress has been fair to good. Weather was mostly clear and warm with very little precipitation. Day time temperatures ranged from $+72^{o}$ to $+90^{o}$ with night temperatures from $+48^{o}$ to $+56^{o}$. Highways are in good driving condition.

P R E - C O N S T R U C T I O N

HHS-1-1(02) Libby-Kalispell
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Authorization was received to make a location survey of and design the section of roadway between the two alignments of Lion Springs and Elk Hill. Survey work will begin when personnel are available, possibly in the fall after the construction season. Forty-eight man days have been used to date on design, which is approximately 7% complete.

HHS-1-2(4) 109 Kila-West
Fencing High Hazard Area
Length - 2.4 Miles
Survey Authorized - November 1, 1977
Work Not Started

Personnel Unassigned

This survey will be performed when personnel are available.

F-38-1(03) Columbia Falls East & West
S-486-1(1) Nucleus Avenue
Length - 5.4 Miles
Design Started - Jan. 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - September 1, 1978

F 38-1(03)

Final design will be completed after the storm drain design is received from the Hydraulics Unit. The City of Columbia Falls has gone on record as favoring participation in the cost of a larger system to accomodate future city storm drain runoff. 354 man days have been used to date on design, which is approximately 70% complete.

S-486-1(1)

Design will be completed after the storm drain plans are received from the Hydraulics Unit. 85 and days have been used to date on design, which is approximately 70% complete.

F-1-2(3) 148 & LSF-1-257(5)
Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for November 1978 Letting

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

1 4 to 5 man survey crew spent 4 days setting right of way. Centerline referencing and right of way is approximately 50% complete.

Utilities

Montana Power - No work the past period. Relocation remains 60% complete.
Northwestern Telephone Systems, Inc.- 100% complete.
Mountain States Telephone - Relocation 100% complete.
Flathead Electric Co-op - No work the past period. Relocation remains 90% complete.
Burlington Northern Railroad - Signal division worked 9 days employing 2 to 4 men cleaning up and resplicing 4 joints. Finished their work on July 27, 1978. Communication division worked 4 men 4 days finishing up all cleanup on July 20, 1978. All Burlington Northern relocation is complete with exception of having to come back this fall and retranspose the line for 5 miles each side of the project. Probable completion date for Burlington Northern is October 30, 1978.

F-1-2(3)142 & LSF-1-257(5)
Hungry Horse-Coram Section
Length - 6.0 Miles
Scheduled for March 1979 Letting

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

A 4 to 5 man crew spent 9 days running right of way in the Hungry Horse area and also picking up additional encroachments on the section.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Design personnel are proceeding with design, based on the PTW alignment at the Glen Lake Road and the PTW alignment entering Eureka. 147 man days have been used to date on design, which is approximately 18% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Work will resume after design personnel have completed other assigned projects. The County Commissioners have indicated that they are going to review secondary priorities for Flathead County, which may alter the status of this project. 82 man days have been used to date on design, which is approximately 12% complete.

F-5-2(03) Flathead County Line - South
Length - 7.5 Miles
Survey Authorized - July 5, 1977
Work Started - Sept. 19, 1977

Ray Munsinger, Field Project Manager
Swan Lake, Montana 59911
Phone: 885-3253
Survey Suspended - April 14, 1978

Work suspended until next fall. Survey is approximately 70% complete.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977

Ray Munsinger, Field Project Manager
Swan Lake, Montana 59911
Phone: 755-5717

A 4 person survey crew resumed work July 31 and has spent 3 days this past period taking cross sections for correlation between field and photo elevations and establishing center line.

FH-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Est. Comp. Date - April 1979

No progress the past period due to survey crew on other work. A total of 907 man days have been used making the location survey approximately 26% complete.

F-1-2(6)81 Inters. U.S. 2 & FAS-556
Shoulder Erosion Correction
Length - 1.4 Miles
Design Started - July 5, 1978

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Comp. Date - July 20, 1978

Final plans and proposed Special Provisions were submitted to Helena on July 20, 1978. The contract letting date is scheduled for October 1978. This will be the final preconstruction report.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975

Personnel Unassigned

Work not started due to all personnel assigned to other projects.

C O N S T R U C T I O N

F000 B (1) U1 Erosion Control
Kalispell Division
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $31,237.90
Proceed Order - April 5, 1978
Work Started - April 17, 1978

Lemm Landscaping
Lolo, Montana 59347
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 25 Working Days
Project Completed - May 4, 1978
Effective Opening Date - N/A (traffic not signigicantly affected)

Project was completed May 4, 1978. One person spent 4 days working on notes and depending on the availability of someone to complete checking of notes, the final should be submitted to the division office by August 18, 1978.

HHS 000S (62) U.S. 93
No Passing Pennants
Length - 273 Miles (Incl. Msla & Kal. Div.)
Contract Let - July 27, 1978

Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502

Project was let July 27, 1978 however no action has been taken as to award. A three person survey crew spent 7½ days staking signs from Ravalli to the Canadian line. The construction layout is approximately 60% complete with staking from the Idaho line to Ravalli pending.

HHS-1-2(2)121 Kalispell East-Street Lighting & Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179,990.10
Proceed Order - June 21, 1977
Work Started - August 22, 1977

Harp Line Const. Company
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Project Completed - July 20, 1978
Effective Opening Date - N/A

HS 102(2)121 (cont'd)

The project was completed and accepted on July 20, 1978 with 78% of the contract time elapsed. The final will be delayed soemwhat as personnel are working on other construction projects.

HHS 5-2(1)91 Rollins North (Safety)
Guard Rail & Flashers
Length - 1,000 Feet
Contract Let - July 27, 1978

Ray Munsinger, Field Project Manager
Swan Lake, Montana 59911
Phone: 886-3253

The contract was let July 27, however no action has been taken as to award. A six person survey crew has spent 3 days this last period on project doing layout work which is now approximately 75% complete.

F-41-1(2)0 Avon to Mont. 200 &
F-83-1(1)0 Clearwater Jct. - Bigfork Signing
Length - 123.6 Miles
Contract Let - June 23, 1978
Contract Awarded - June 23, 1978
Contract Amount - $55,805.88
Work Not Started

Northern Rockies Const. Co.
Great Falls, Montana 59401
Ray Munsinger, Field Project Manager
Swan Lake, Montana 59911
Phone: 886-3253
Contract Time - 60 Working Days
Prob. Comp. Date - Sept. 15, 1978
Effective Opening Date - N/A

Two to three personnel have spent 5 days this last period completing staking and making up a materials list, which was presented to the contractor on July 25, 1978 at the pre-construction conference. The contractor for the project estimated that he would not be able to start for 6 weeks, being unable to get materials. Layout is 99% complete. The project is 0% complete with 10% of contract time elapsed.

ERFO 72(2) U2; 3 Miels E. of West Glacier
Flood Damage Repair
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $110,830.00
Proceed Order - April 21, 1978
Work Started - April 18, 1978

Clark Brothers Contractors
Victor, Montana 59875
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 50 Working Days
Project Completed - June 15, 1978
Effective Opening Date - N/A

Project was completed on June 15. Various checking of notes remains. The final will be submitted to the division office by August 18, 1978.

F-83-2(1)65 Swan Lake North & South Overlay
Length - 12.6 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $1,014,086.40
Proceed Order - April 21, 1978
Work Started - June 9, 1978

Baltrusch Const. Inc. & Affiliates
Havre, Montana 59501
Ray Munsinger, Field Project Manager
Swan Lake, Montana 59911
Phone: 886-3253
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

Progress has been fair. Clark Brothers, sub-contractor, stopped crushing gravel August 1 to move to another project and to return later to finish crushing. The sub-contractor employing 13 personnel and working 10-8 hour shifts. The day of the prime contractor starting is pending. One to ten engineering personnel assigned to this and other projects this last period doing miscellaneous layout work. Construction layout is 82% complete. Project is 6% with 58% of contract time elapsed.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.8 Miles
Contract Let - Dec. 18, 1975
Contract Awarded - Dec. 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe(retired) Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 180 Working Days
Project Completed - Aug. 16, 1977
Effective Opening Date - October 3, 1976

The final has been division checked and was forwarded to Helena on July 26, 1978. This will be the final report on this project.

S-508-1(4)11
NW Troy-Yaak River-Rexford
Grade, Gravel, Surface, Road Mix Bit. Surf.
Length - 1.1 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Started - May 2, 1978

Clark Brothers Contractors
Victor, Montana 59875
Jack Adamson, Field Project Manager
Troy, Montana 59935
Phone: 295-4741
Contract Time - 90 Working Days
Prob. Comp. Date - Sept. 1, 1978
Effective Opening Date - N/A

Progress has been fair. Uncl. Exc. and drainage culverts are now 95% complete. The contractor is finishing sub-grade from Station 285 to 305 and began placing 1½" crush base August 1, 1978 with seven trucks hauling from stockpile to roadway. The project as a whole is approximately 75% complete with 70% of the contract time elapsed. Construction layout is 85% complete with seven engineering personnel assigned to the project.

RRP 4139(55) Statewide Federal Aid Routes R.R. Crossings
Length - N/A
Contract Let - May 31, 1978
Contract Awarded - May 31, 1978
Contract Amount - $382,865.10
Proceed Order - June 21, 1978
Work Not Started

Pacemaker Industries Inc.
Spokane, Washington 99211
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

No work on this project during the period. Construction layout is approximately 90% complete and awaiting word from the contractor as to when he will begin work.

PMS 4140(52) Unit 8 Kalispell Division
Plastic Pavement Markings
Length - 0 Miles
Contract Let - February 23, 1978
Contract Awarded - March 31, 1978
Contract Amount - $239,586.51
Proceed Order - April 21, 1978
Work Not Started

Swanston Equipment Company
Fargo, North Dakota
Gene Piedalue, Field Project Manager
West Glacier, Montana 59936
Phone: 888-5502
Contract Time - 90 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

Contractor began work in the Kalispell Division on July 31, 1978. Project on Unit 8 is 1% complete. the contractor is employing 6 to 8 men. Construction layout is approximately 80% complete with 4 state persons working. 32% of the contract time has elapsed with this contract involving Unit 8 and Unit 11 in the Missoula Division. The contractor previously worked in the Missoula Division accounting for the 32% time elapsed.

M6711(1) Unit 1 Evergreen School
Bouncing Ball Flashers
Length - N/A
Contract Let - July 27, 1978

Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006

The contract was let July 23, 1978, however no action as to award to date. No field work has been performed.

M6718(1) 11th St. & South Main Signalization
Length - N/A
Contract Let - March 31, 1978
Contract Awarded - March 31, 1978
Contract Amount - $22,084.25
Proceed Order - April 21, 1978(See S.P. 1 B)
Work Started - July 6, 1978

Harp Line Const. Co.
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 45 Working Days
Prob. Comp. Date - Pending
Effective Opening Date - N/A

There has been no work on the project the past period as the contractor is awaiting arrival of materials. The project remains at approximately 20% complete with 13% of the contract time elapsed.

M6730(1) & RS-404(8) Kalispell South-Loop
Grade, Agg. Surf. Pl. Mix Base, Pl. Mix Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - Oct. 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - Oct. 28, 1976
Work Started - Nov. 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 130 Working Days
Prob. Comp. Date - July 21, 1978
Effective Opening Date - Sept. 19, 1977

Progress has been fair the past three weeks. The contractor applied seal and cover from July 24 thru 26, completing this item. Final cleanup and repair work has also been completed. All that remains to be done is permanent striping, scheduled for the week of August 7. The contractor worked 8-8 to 12 hour shifts with 4-12 men employed. The project is 99% complete with 96% of the contract time ealpsed. Four engineers and inspectors were assigned to the project while work was in progress. Construction layout is 100% complete.

M6714(3) Center St. & 1st Ave. E. Kal.
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 24, 1977
Contract Amount - $939,975.18
Proceed Order - Sept. 13, 1977
Work Started - April 4, 1978

Pack & Company, Inc.
Kalispell, Montana 59901
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Prob. Comp. Date - Nov. 1, 1978
Effective Opening Date - N/A

Progress has been fair the past three weeks. The contractor worked 15-8 hour shifts with 6-14 men employed. Excavation for curb and gutter has been accomplished from 1+50 to 12+00 left and right and has been placed from 1+50 to 4+50 and 8+70 to 12+00 left and right. Styrofoam, sand and concrete sidewalk is complete except for Station 4+70 to 8+00± left and right which will be completed next week. Six curb inlets have been placed making these 100% complete. The sub-contractor, Western Sign Corp., worked 5-8 hour shifts weekly with 3-5 men employed. Work continues to be the pouring of light bases on 1st Avenue East and the assembling and setting of signal poles on 1st Avenue West. The project as a whole is about 40% complete with 53% of the contract time elapsed. Construction layout is approximately 45% complete with 4-8 engineers and inspectors assigned to the project.

SMP 1599-77 (State Project)
Crush & Stockpile - Flathead, Lake & Sanders Counties
Contract Let - December 15, 1977
Contract Awarded - December 15, 1977
Contract Amount - $158,345.00
Proceed Order - January 5, 1978
Work Started - January 25, 1978

Clark Brothers Contractors
Victor, Montana 59875
John Kalien, Lab. Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 85 Working Days
Project Completed - June 2, 1978
Effective Opening Date - N/A

Final is presently being division checked as time permits and should be transmitted to Helena about August 18, 1978.

OS 24(1) Lake County
4 Off System Bridges
Contract Let - Sept. 29, 1977
Contract Awarded - Oct. 28, 1977
Contract Amount - $236,500.00
Work Started - Oct. 31, 1977

Redding Const. Co.
Spokane, Washington
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - N/A
Prob. Comp. Date - Aug. 15,1978
Effective Opening Date - June 15, 1978

There has been no progress this past period. A meeting was held with a representative of Redding Construction Company and Lake County Commissioners on July 21, 1978. An agreement was reached on contract requirements and work was to commence the following week. To date Redding Construction Company has made no attempt to complete the project. The project remains approximately 88% complete. One inspector is assigned to the project. when required.

Thomas J. Barnard, P.E. Supv. Div. Const. Sec.

TJB:HAS:mjb

Department of Highways

Butte, Montana

August 3, 1978

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending August 1, 1978. The weather has been warm with some rain showers and temperatures ranging from +38° to +97°.

PRECONSTRUCTION

I 000B(2) 116
Divide N&S
Erosion Control
Design
13.852 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
November 1, 1978

Design work for the period consisted of reviewing location survey notes and recommendations and field inspection of several of the damaged drainage facilities. A 3 man crew expended 2 man days for a total of 2 man days used to date. Preparation of plan summaries and details is 8% complete, other design work has not yet begun. Design work on the project as a whole is 1% complete.

RF 8-1(4)34
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ man days expended to date. Line & Levels run are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

F 8-4(1)77 Unit II
Townsend - Toston
Safety Improvement
10.2 Miles
Broadwater County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
January 2, 1979

F 8-4(1)77 Unit II Cont'd.
Design work on the project consisted of a Plan-In-Hand review of the project on July 25, 1978, writing and submitting the Plan-In-Hand report and making Plan-In-Hand changes. The P.I.H. review of the project resulted in some minor changes in guard rail locations which are now being incorporated into the plans. P.I.H. changes are 1% complete. A three man crew expended 6 man days for a total of 90 man days used to date. Locating and designing guard rail is 100% complete. Locating and designing new approaches is 100% complete, preparing plan and summary sheets is 100% complete, and computing embankment surfacing, seeding and incidentals are 100% complete. Design work on the project as a whole is 63.5% complete.

I 15-3(13)157
Basin Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Probable Completion Date:
August 31, 1978

Project complete except for the bridge design and revising the railroad crossing abutments. Final construction plans & cross sections, Special Prov. and cost estimated submitted April 14, 1978. Mapping notes and backup material submitted April 18, 1978.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

DP 280-1(1)
York Bridge & Approaches
Location Survey
0.9 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Work on this survey will commence when a crew becomes available.

RS 284-2(1)11
Canyon Ferry Dam S.E.
Location Survey
Broadwater and Lewis & Clark Counties
6.0 Miles

Engineer: Unassigned
Probable Completion Date:
Undetermined

Location work will begin when a crew becomes available.

M 0299(4)
Anaconda Urban Street
Location Survey
1.0 Miles
Deer Lodge County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Work on this project will commence when a crew becomes available.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
January 1, 1979

There was no work on the project during this period. Design work has been temporarily suspended to complete work on other projects. It is estimated that work will resume by September 1, 1978. There have been 121 man days used to date. Preparing plan sheets, reducing notes and plotting and inking cross sections are 68% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 48% complete. Designing drainage and irrigation structures, road approaches and incidentals are 8% complete, drafting of summaries and title sheet are 40% complete. Design work on projecting centerline to reduce the number of conflicts with the Butte Water Company water main is 5% complete. Design work on the project as a whole is 26% complete.

RS 441-1(1)0
Gregson Road
Design
Silver Bow County
2.969 Miles

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
January 4, 1979

Design work on the project consisted of making P.I.H. changes, which included templating cross sections in the area of the grade change that balanced the project, computing connection quantities, placing road approaches on the cross sections and checking new catch limits against R/W limits to determine construction permit requirements. Recent communication with the Anaconda Company indicates their willingness to allow the Highway Department to relocate their 34 inch waterline, provided it is included as a contract item in our plans. Steps are now being taken to accomplish this. A three man crew expended 8 man days for a total of 329 man days used to date. Preparing plan sheets, reducing notes, and plotting and inking cross sections are 92% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 93% complete. Design of drainage and irrigation structures, road approaches and incidentals are 73% complete and making Plan-In-Hand changes are 8% complete. Design of the project as a whole is 63% complete.

PRECONSTRUCTION

M 1810(1)
Grand Ave. - Butte
Design
1.37 Miles
Silver Bow County

S&A Engineers
Helena, Montana
Probable Completion Date:
November 30, 1978

Set preliminary vertical alignment. Held combined highway corridor and design Public Hearing June 14, 1978. Project as a whole is 9% complete.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave./16th Ave. Lawrence
Location and Design
1.8 Miles
Lewis & Clark County

City of Helena
Helena, Montana
Probable Completion Date:
Undetermined

Field survey commenced on week of July 10, 1978, with the use of State of Montana coordinate system.

CONSTRUCTION

FF 8-1(1)0
Garrison East
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Pl. Mix Bit.
Surf., Lighting and Signing
3.9 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,683,507.23
Work Started: Nov. 14, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Garrison, Mt. Tel. 846-3133
Contract Time: 130 Working Days
Probable Completion Date:
August 8, 1978

Work the past period consisted of conducting seeding operations and installing signs. The contractor employed 19 men for 4-8 hour shifts. Project as a whole is 99% complete with 50% of the contract time elapsed. Construction layout as a whole is 100% complete with 4 Engineers and 4 Inspectors engaged.

F FF 8-2(5)46 Unit 2
East Helena East & West
Grading, Agg. Surf., Cem.
Treated Base, Lighting and a
dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $4,596,878.30
Work Started: Sept. 28, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Robert T. Wilson, Manager
Field Project (Road)
East Helena, Mt. Tel. 227-6924
Albert Reather, Manager
Field Project (Bridge)
East Helena, Mt. Tel. 227-5392
Probable Completion Date:
May 15, 1979

F FF 8-2(5)46 Unit 2 Cont'd.
Road
Work the past period consisted of laying gravel and conducting grading operations. The contractor employed 70 men for 12-8 hour shifts. Project as a whole is 40% complete with 35% of the contract time elapsed. Construction layout as a whole is 77% complete with 16 Engineers and 6 Inspectors engaged.
Bridge
Work the past period consisted of pouring approach slabs. The contractor employed 3 men for 2-8 hour shifts.

F 8-2(10)42
Traffic Control Devices, Intersection
Henderson St. & Euclid Ave.-Helena
0.00 Miles
Lewis & Clark County
Contract Let: October 27, 1977
Bid Price: $32,673.00
Work Not Started

S&S Construction
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
September 22, 1978

Preconstruction Conference has not been held.

RRS 8-2(16)47
East Helena East & West
The construction of a dual 276.0 ft. prestressed concrete girder overpass (Over B.N. Inc.)
0.052 Miles
Lewis & Clark County
Contract Let: May 26, 1977
Bid Price: $648,804.88

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 175 Working Days
Probable Completion Date:
August 15, 1978

Contractor doing final cleanup and touchup. The contractor employed 6 men for 15-8 hour shifts. Project as a whole is 98% complete with 98% of the contract time elapsed. Construction layout as a whole is 100% complete with 2 Engineers engaged.

F 8-4(1)77 Unit 1
Plant Mix Overlay, Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Not Started

Meyer Const. Co.
Billings, Mt.
Jack Erickson, E.T. 3
Townsend, Montana
Contract Time: 90 Working Days
Probable Completion Date:
October 20, 1978

Preconstruction Conference has not been held.

I 15-2(37)134 &
I 15-3(25)134 Unit 1
Butte North & Woodville North
Grading, Srufacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 250 Working Days
Probable Completion Date:
August 15, 1978

Work the past period consisted of minor cleanup work and placing topsoil. The contractor employed 5 men for 15-7 hour shifts. Project as a whole is 99% complete with 93% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers and 3 Inspectors engaged.

I 15-3(26)140 Unit 1
Elk Park South
Grading, Aggregate Surfacing,
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
2.4 Miles
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 150 Working Days
Probable Completion Date:
August 15, 1978

Work the past period consisted of cleanup work & placing topsoil. The contractor employed 5 men for 15-9 hour shifts. Project as a whole is 99% complete with 92% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers and 3 Inspectors engaged.

I 15-3(29)160 Unit 1
Structure & Approaches on the Basin
Boulder Road
Construction of a prestressed concrete
Girder Bridge
0.36 Miles
Jefferson County
Contract Let: March 30, 1978
Bid Price: $295,635.44
Work Started: May 3, 1978

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
East Helena, Mt. Tel. 227-5392
Contract Time: 130 Working Days
Probable Completion Date:
November 24, 1978

Work the past period consisted of forming on deck diaphragms and endwalls. The contractor employed 10 men for 10-8 hour shifts. Project as a whole is 65% complete with 48% of the contract time elapsed. Construction alyout as a whole is 80% complete with 2 Engineers engaged.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Construction Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

All items are complete with the exception of the seal and cover which will be accomplished as time permits.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 19, 1976
Work Started: July 26, 1976

Clark Brother Contractors
Victor, Montana
Gordon Eckman, E.T. 3
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Completion Date:
July 19, 1978

Final inspection and acceptance is pending. It is estimated that final data will be submitted to Helena on January 19, 1979.

I IG 90-3(27)172 Unit 1
Garrison East & West (West Section)
The construction of a 590.83' Avg. length dual composite steel and concrete girder bridge (Over Burlington Northern Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05
Work Started: July 27, 1977

General Const. Co.
Butte, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 280 Working Days
Probable Completion Date:
Nov. 17, 1978

Structures at Sta. 153+05.70: Forming base deck span No. 1 and Setting outside deck and curb forms Spans No. 1,2, and 3 W.B. Placing and tying Reinforcing Steel for deck slabs Spans No. 4 and No. 5 W.B. Forming, placing and tying Reinforcing Steel, and placed concrete in Abutment No. 6 Backwalls E.B. and W.B. Finishing concrete surfaces of Bents No. 2 No. 4 and No. 5 E.B. and Bent No. 2 W.B. Adjusting Structural Steel bearing rocker assemblies, bolting up lateral and cross bracing, adjusting beam splice elevations, and torquing up Structural Steel Spans No. 1 thru No. 4 E.B. Excavation, forming, placing and tying Reinfrocing Steel and placed concrete in the 1'-9" extension of Abutment No. 1 main footing and crossbeam E.B. Installation of Steel Bearing Pile Knee braces, forming, Placing and tying Reinforcing Steel, and placed concrete in revised left and right wing footings of Abutments No. 1 E.B.
Structure Approaches: No work. Percentages complete for the items are as follows: Structures: Structure Excavation 97%; Reinfrocing Steel 35%; Class AD Concrete 98%; Furnish and Drive Steel Bearing Piling 100%; Traffic Control 10%; Cost of

I IG 90-3(27)172 U1 Cont'd.
Training Program 100%; Structural Steel 95%; Mobilization 100%.
Approaches: Topsoil Salvage and Stockpile 70%; Excavation-Unclassified Borrow 97%; Haul Borrow 97%; Compaction Roadbed 97%; Mobilization 100%. The contractor worked fifteen (15) eight (8) hour shifts employing an average of eleven (11) men. The project as a whole is 74.9% complete with 58.2% of the contract time elapsed.

I IG 90-3(27)172 U2 & F 88-1(1)1
Garrison East & West (West Section) and Garrison Interstate Connection Grading, Agg. Surf., Pl. Mix Bit. Surf., Signing and Lighting on 4.2 Miles of Project I IG 90-3(27)172 U2 and Widening, Pl. Mix Bit. Surf., Signing and Lighting on 0.7 Miles of Proj. F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15. 1977
Washington Const. Co.
Missoula, Montana
Bill Bork, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 250 Working Days
Probable Completion Date:
October 12, 1979

Work the past period consisted of conducting grading operations. The contractor employed 41 men for 14-8 hour shifts. PRoject as a whole is 48% complete with 29% of the contract time elapsed. Construction layout as a whole is 60% complete with 5 Engineers and 3 Inspectors engaged.

I IG 90-3(27)172 Unit 3
Structure on Garrison East & West (West Section) construction of a dual 692.5' Avg. prestressed concrete girder bridge (Over B.N.R.R.) a dual 131.5' prestressed concrete girder Bridge (Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,922,459.45
Work Started: Jan. 11, 1978

General Construction Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 250 Working Days
Probable Completion Date:
Sept. 7, 1979

Progress during the past period was good. Work consisted of: Sta. 94+59.70 (E.B.) - placing concrete for Bt. No. 2 & No. 7 crossbeams & Bt. No. 5 columns; Stripping Bt. No. 3 & No. 7 crossbeams; pulling steel sheeting from around Bt. No. 5; Excavating for Bt. No. 4 & No. 8 footings; driving steel brg. pile & placing crossbeam concrete for Bt. No. 8 tieing up Bt. No. 4 footing Reinf. Steel. (W.B.) - excavating, driving steel brg. pile, forming for & placing Reinf. Steel in Bt. No. 4 footings; tieing up Bt. No. 5 column Reinf. Steel; forming on Bt. No. 6 crossbeam; completing the driving of steel brg. pile, placing concrete & stripping Bt. No. 8 crossbeam. Splicing steel brg. pile short lengths together, for future use. Sta. 137+69.25 (E.&W.B.) - no work. Percent complete for the items are as follows: Mobilization, 60%; Conc. Cl. AD, 58%; Struct. Excav. Type I, 90%; Shoring & Cribs, 6%; Test Pile Steel, 70%; Furn. & Drive Steel Brg. Pile, 77% & Reinf. Steel, 28%. The structures as a whole are 26% complete with 70 of the 250 working days used or 28% of the contract time elapsed. During the past period the contr. (General Const. Co.) worked 15-8 hour shifts with 13 men employed. Construction layout is 34% complete.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Mt.
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Deer Lodge, Mt. Tel. 846-3355
Contract Time: 300 Working Days
Probable Completion Date:
October 31, 1978

Road
Work on this project is complete with the exception of the seeding which will be accomplished after October 15, 1978. Project as a whole is 99% complete with 76% of the contract time elapsed.
Bridges
All work on the structures was completed on Sept. 29, 1977 and an inspection of these structures was made on October 11, 1977.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf. Signing, Fencing and
the construction of a 303.76' steel
Girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56

Max J. Kuney
Spokane, Washington
Claude J. Flynn, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Completion Date:
July 20, 1978

Road
Final Inspection and Acceptance August 2, 1978. It is estimated that final data will be submitted to Helena on February 16, 1979.

I 90-3(40)193 &
I IG 90-4(27)194
Surfacing of Racetrack North & South
and Warm Springs North & South
Aggregate Surfacing, Plant Mix
Surfacing and Signing
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: August 11, 1977
Bid Price: $2,582,114.30
Work Started: February 28, 1978

Hilde Const. Co. Inc.
Great Falls, Montana
John T. McGeever, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 180 Working Days
Probable Completion Date:
November 30, 1978

Work the past period consisted of setting guardrail and conducting paving operations. The contractor employed 36 men for 15-12 hour shifts. Project as a whole is 60% complete with 35% of the contract time elapsed. Construction layout as a whole is 60% complete with 5 Engineers and 9 Inspectors engaged.

RF 171(17) & RS 167(10)
Harrison North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work STarted: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
Jan. 14, 1977

Some notes were returned to Division Office on June 27, 1978 and checking is progressing. It is estimated that Final Data will be sent to Helena on September 29, 1978.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

Work the past period consisted of conducting grading operations and installing culverts. Contractor employed 22 men for 12-9 hour shifts. Project as a whole is 77% complete with 83% of the contract time elapsed. Construction layout as a whole is 96% complete with 5 Engineers and 1 Inspector engaged.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base,
Pl. Mix Bit. Surf., and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Started: July 7, 1977

Zook Brothers Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Probable Completion Date:
August 31, 1978

No work the past period. Project as a whole is 99% complete with 99% of the contract time elapsed.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of a prestressed concrete
Girder Bridge and Grading, Agg. Surf.,
and Road Mix Surf. of the approaches
0.00 Miles
Madison County
Contract Let: Sept. 28, 1977
Bid Price: $557,136.64

McIntyre Const. Co. and
S. Birch Inc.
Great Falls, Montana
Harold Wiebe, Manager
Field Project
Twin Bridges, Mt. Tel. 684-5714
Contract Time: 140 Working Days
Probable Completion Date:
September 22, 1978

BRS 361-1(3)17 Cont'd.
Progress for the past period was good. Structure over Big Hole River at Sta. 13+55.00: Formed deck, placing and tying Reinforcing steel, and placed concrete for deck Span No. 1 and No. 2. Road: No work. Percentages complete for the items are as follows: Work Bridge 100%, Mobilization 100%, All Piling 100%, Shoring and Crib 100%, Structure Excavation 100%, Class AD Concrete 100%, Class BD Concrete 81%, Reinfrocing Steel 96%, Gravel Filter Material 99%, Class II Rip Rap 99%, 60" + 128' Pipe 100%, 48" + 128' Pipe 100%, Excavation Unclassified 50%, Compaction Roadbed 50%, Haul 50%, Structural Steel 100%, Prestressed Beams Type 10 100%, Protective Coat 83%. The contractor worked thirteen (13) eight (8) hour shifts and one (1) thirteen (13) hour shift employing an average of five (5) men. The project as a whole is 81% complete with 57% of the contract time elapsed.

M 1803(4)
Harrison Ave. - Butte
Pl. Mix Bit. Overlay, Curbs,
Traffic Signals, Signing, Sidewalks
and Beautification
0.3 Miles
Silver Bow County
Contract Let: May 26, 1977
Bid Price: $320,447.19

Jim Gilman Excavating Inc.
Butte, Montana
Robert Wilson, Manager
Field Project
East Helena, Mt. Tel. 227-6924
Contract Time: 90 Working Days
Completion Date:
July 17, 1978

Final Inspection and acceptance is pending. It is estimated that Final data will be submitted to Helena on November 17, 1978.

M 1804(2)
West Park St. - Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Contract Time: 130 Working Days
Completion Date:
April 26, 1978

Final Inspection and Acceptance June 29, 1978. It is estimated that Final Data will be submitted to Helena on December 15, 1978.

RRP 4139(55)
The installation of pavement markings,
signing and guard rail on various railroad
Highway Crossings on Federal Aid Routes
Statewide in Montana
Contract Let: May 25, 1978
Bid Price: $382,865.10
Work Started: July 31, 1978 (Butte Div.)

Pacemaker Industries Inc.
Spokane, Washington
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days
Probable Completion Date:
November 17, 1978

Work the past period consisted of laying plastic striping and words and symbols. The contractor employed 8 Men for 2-8 hour shifts.

PMS 4140(52) Unit 3 & 4
Pavement Markings on Various Intersections
Gallatin, Park, Madison, Powell
Silver Bow and Lewis & Clark Counties
Contract Let: February 23, 1978
Bid Price: $130,637.02
Work Started: June 9, 1978

Robert L. Livesay
Great Falls, Montana
Edward Kenison, E.T. 3
Butte, Mt. Tel. 494-4172
Contract Time: 90 Working Days
Probable Completion Date:
August 30, 1978

Work the past period consisted of installing pavement markings. The contractor employed 4 men for 9-9 hour shifts. Project as a whole is 35% complete with 27% of the contract time elapsed. There are two Engineers on this project.

M 5805(4)
Traffic Control Devices and Lighting
on Park Avenue, Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 25, 1978
Bid Price: $136,636.66
Work Not Started

Allen Electric, Inc.
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 35 Working Days
Probable Completion Date:
September 29, 1978

Preconstruction Conference has not been held.

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks and related items
0.9 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Const. Co. Inc.
Butte, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 110 Working Days
Probable Completion Date:
September 1, 1978

Work the past period consisted of conducting various construction activities. Contractor employed 14 men for 8-8 hour shifts. Project as a whole is 87% complete with 87% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers and 1 Inspector engaged.

Richard B. Dundas, P.E. Supervisor
Division Construction Section - Butte

RBD/GBH/MJJ/cu

P. O. Box 1110
Bozeman, MT 59715

August 4, 1978

Progress Report
Division 2230

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the three week period ending August 4, 1978. Weather during the past period was generally favorable for construction activities with the daytime temperatures ranging between 44 and 94 degrees.

PRECONSTRUCTION

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 13-1( )24
8 Mi. South of Cameron - South
Length - 6.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1( )30
3 Mi. South of Cameron - South
Length 5.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Design - Alpha Engineers Inc.

The location survey has been completed and the design is now 8% complete.

HHS 50-2(3)81
Int. of FAP 50, 84 & 85

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

F 50-2(4)79
Bozeman - West
Approximate Length - 9 Miles

Ross M. Johnson, FPM
Phone: 587-4186 Bozeman
Estimated Completion: June 1, 1979

All personnel have been utilized on construction projects and this survey remains 8% complete.

F 59-1(2)7
Clyde Park - North & South
Length - 6.7 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 59-1(3)14
Clyde Park - North
Length - 6.2 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 64-1(2)3
US 191 Spur
Approximate Length - 6.7 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

A survey crew will begin running the proposed right of way lines for the BN parcel on August 7.

HHS 86-1(2)1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested field work has been completed.

F 86-1(3)23
Park Co. Line - South
Length - 8.1 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 12-1-78

The completed hydraulic situation surveys and the Hydraulic Forms #1 were submitted to Helena on 2-9-78. With the exception of the Hydraulic Survey of "Fairy Creek" at Station 149+30 and the irrigation surveys, all Hydraulic Situation Surveys have been completed and the Hydraulic Forms #1 have been submitted to Helena.

F 86-1(4)18
8 Miles South of Park Co. Line-South
Length - 6.0 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 6-30-79

A four man survey crew has been setting P.I. points and running center line. At the present time 2½ miles of center line has been completed. The location survey as a whole is 15% complete.

HHS 86-1(5)3
Bridger Canyon
Length - 1.8 Miles

Ross M. Johnson, FPM
Phone: 587-4186 Bozeman
Estimated Completion Date: 5-31-78

The survey crew that was working on this location survey is now being utilized on construction projects. The location survey as a whole is 48% complete.

IR 90-6( ) — Engineer Unassigned
Rocky Canyon (PMS Overlay)
Length - 5.3 Miles

No information has been requested from the field.

I 90-6(36)315 U-3 — Engineer Unassigned
Bozeman Pass - West, Rest Area

No information has been requested from the field to date.

I 90-7(17)350 — Roger E. Blossom, PE, FPM
Springdale - Big Timber — Phone: 932-3515 Big Timber
Length - 13.477 Miles

The Traverse for the Jarett material source was submitted to the Bozeman Lab on May 17, and a Traverse for an additional material source was submitted to the Bozeman Lab on July 7th.

I 90-7(21)339 — Engineer Unassigned
Springdale - West
Length - 9.2 Miles

All requested work has been completed.

ROW I 90-7(28)318 — Engineer Unassigned
Bozeman Pass - East
Sand House

No information from the field has been requested to date.

I 90-7(35)364 U-2 — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (E. Sect.) — Phone: 932-3515 Big Timber
Length - 5.5 Miles
Grading & Str. at Sta. 580±, 620±, 680±, 698±.

All requested field work has been completed.

I 90-7(35)364 U-3 — Roger E. Blossom, PE, FPM
Big Timber - Graycliff (Mid. Sect.) — Phone: 932-3515 Big Timber
Gr. & Str. at Sta. 1829± & 1896±
Length - 3.2 Miles

All requested field work has been completed.

I 90-7(35)364 U- — Roger E. Blossom, PE, FPM
Big Timber - Greycliff (W. Sect.) — Phone: 932-3515 Big Timber
Length 1.7 Miles

All work requested from the field has been completed.

I 90-7(36)318 U-2
Bozeman Pass - East
Rest Area

Engineer Unassigned

All work requested from the field has been completed.

I 90-7(40)332
Snow Fence
Approx. Length - 5.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been submitted to Helena.

I 90-7(41)375
Greycliff - East
Access Road (Prairie Dog Town)
Length - 0.440 Mile

Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber

All requested work has been completed.

F 91-1(1)0
Big Timber - E & W
Signs, Traffic Control Devices

Engineer Unassigned

All requested work has been completed.

HHS 205-1(1)28
North of Bozeman
Guardrail - B.N. Overpass
Right Turn Lane

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

S 487-1(1)0
Big Timber - North & East
Approx. Length - 9.0 Miles

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman
Estimated Completion: 1979

There was no work on this project during the past period and the design remains 5% complete.

FS 540-1(1)0
East River Road - Park Co.
Length 23.0 Miles

Engineer Unassigned

A preliminary field review for this project was held on July 19, 1978.

RS 563-1(1)0
Springdale - Hunters' Hot Springs
Length - 2.0 Miles
Design Started 5-2-77

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman
Estimated Completion: Aug. 15, 1978

A one man design crew spent the past three weeks computing and placing final hydraulic recommendations on the plans and cross sections. Final editing of the preliminary special provisions was completed. A cost estimate and final designers check was completed. With the exception of the bridge plans the design on this project is essentially completed and will be submitted to the checker in Helena in about a week. The design status of this project is 90% complete.

M 1201(1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The City of Bozeman submitted their recommendations for a typical section to Helena on March 2, 1978.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion: Aug. 15, 1978

All work on this survey has been suspended due to construction projects. The survey remains 7% complete.

M 1212(1)
Kagy Lane-From Willson to Highland-BZN
Design
Approx. Length - 1.1 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

The City of Bozeman submitted their recommendations for a typical section to Helena on March 2, 1978.

M 1212(4)
Kagy, from 3rd to 19th - Bozeman
Length: 1.0 Miles

Engineer Unassigned

This location survey has not been started to date.

M 7403(1)
5th St., Park to Front - Livingston
Design
Approx. Length - 0.1 Mile

Morrison-Maierle, Inc.

The design of this project has been completed and the final plans have been approved by city officials and returned to Helena.

M 7404(1)
Front St., from Main to Cemetery-Liv.
Design
Approx. Length - 0.9 Mile

Morrison-Maierle, Inc.

The design has been completed and the final plans were hand delivered to the city officials for their approval on April 12, 1978.

M 7406(1)
Main, Chinook & Gallatin - Livingston
Design
Approx. Length - 1.3 Miles

Morrison Maierle, Inc.

The design of the project is currently 83% complete. A public hearing has been scheduled for August 23, 1978.

M 7412(3)
River Dr. & 9th St. - Livingston
Length - 0.4 Miles
Design

Morrison-Maierle, Inc.

A fully executed copy of the agreement between the City of Livingston and the State of Montana Department of Highways has been distributed.

C O N S T R U C T I O N

I-000B(2) U-2 & F-000B(1) U-2
Revegetation & Erosion Control
Route I 90- & FAP Routes 13, 45, 50, 59, 84, & 86
Contract Awarded: March 31, 1978
Contract Amount $84,886.14
Proceed Order Date: April 21, 1978
Work Started: April 18, 1978

Beco, Inc.
Idaho Falls, Idaho
William G. Shuyler, FPM
Phone: 586-9562 Bozeman
Contract Time: 60 Working Days
Completion Date: 6-22-78
Effective Opening Date: N.A.

One man has been working on the final estimate and supporting data on an intermittent basis. Preparation of the final estimate is now 85% complete with an estimated date of submittal to the division office of August 30, 1978.

F 29-1(5)16
Virginia City Hill
Truck Escape Ramp
Contract Awarded: March 31, 1978
Contract Amount: $123,403.80
Proceed Order Date: 4-21-78
Work Started: 7-11-78

Rehbein Contracting, Inc.
Plains, Montana
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract Time: 60 Working Days
Probable Completion Date: 10-18-78
Effective Opening Date:

Progess has been fair with the contractor employing between four and twelve men and working ten 10 hr. shifts. The unclassified excavation item is now 95% complete and the topsoil item is 90% complete. Crushing of the 1½ in. aggregate was completed on August 2nd and production of the 3/4 in. material was completed on August 3rd. Screening operation for special select surfacing was started on August 2nd. The 5 deadmen are formed and ready to pour but the cement shortage has caused a time delay. A four man engineering crew is currently assigned to this project which is 38% complete with 92% of the contract time elapsed. The contractor has 5 working days of contract time remaining.

F 45-1(1)15
Big Timber - North
Length - 11.5 Miles
Contract Awarded: 10-1-77
Contract Amount: $652,048.05
Proceed Order Date: 10-24-77
Work Started: 7-25-78

Meyer Construction Company
Billings, Montana
Phone: 932-3515 Big Timber
Contract Time: 90 Working Days
Probable Completion Date: 10-18-78
Effective Opening Date:
Roger E. Blossom, PE, FPM

The contractor began crushing aggregate for the bituminous plant mix on July 25, 1978. At the present time some 4,000 tons of plant mix aggregate has been crushed and stockpiled.

F 50-2(1)88
Signals
Intersection of Main & 5th - Bozeman
Contract Awarded: 7-29-77
Contract Amount: $30,236.00
Proceed Order Date: 8-10-77
Work Started: 3-20-78

Midland Electric Company
Billings, Montana
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract Time: 40 Working Days
Completion Date: 6-28-78
Effective Opening Date: 6-28-78

It is estimated that the final estimate and supporting data will be submitted to Helena by August 11, 1978.

ROS 50-2(5)56
US 191 Gallatin Canyon Safety
Safety Corrections
Contract Awarded: March 31, 1978
Contract Amount: $417.890.15
Proceed Order Date: April 21, 1978
Wrok Started: April 24, 1978

Frank Gurney, Inc.
Spokane, Washington
Harold G. Heath, Eng Tech 3
Phone: 587-4186 Bozeman
Contract Time: 60 Working Days
Probable Completion Date: 10-17-78
Effective Opening Date: 7-26-78

With the exception of seeding and fertilization all contract items have been completed. The contractor still has 2 borrow areas to shape, top soil and seed. A three man engineering crew is assigned to this project which is 98% complete with 97% of the contract time elapsed. The contractor has 3 working days of contract time remaining.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M. Johnson, FPM - Grade
Jerry R. Branum, FPM - Structures
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date 7-79
Effective Opening Date:

Progress has been fair with the contractor employing 34 men and working twenty six 8 hour shifts. Finishing work is in progress between Stations 139 through 168 both the east and west bound lanes and in the rest area. 1½ in. aggregate is being placed between Stations 215 and 293 on the east and west bound and between Stations 135 and 170 on the east bound. Some 50,000 tons of 1½ in. aggregate was placed bringing this item to 65% complete. 3 in. aggregate is being placed in the Rocky Canyon Safety job.

I 90-6(30)309, Cont.

58,000 tons of 3" aggregate was placed bringing this item to 89% complete. Paving operations have been in progress on the east and west bound lanes between Stations 0+00 and 128. 18,800 tons of 1½" plant mix base was placed bringing this item to 40% complete. McEachern has been driving bridge piles and placing "AD" concrete for the columns on bent #2 west bound, cap. for bent #2 west bound, footings for bents 2, 3, and 4 east bound and columns for bents 1, 2, 3, and 4 east bound. 1600 lineal feet of piling was driven completing this item. Some 111 cubic yards of Class AD concrete was placed bringing this item to 32% complete. Traffic is now being routed on the west bound lane from Stations 0+00 to the crossover at Station 156+00. A 26 man engineering crew is assigned to this project which is 83% complete with 73% of the contract time elapsed. The contractor has 94 working days of contract time remaining.

I 90-7(35)364 U-1
Big Timber - Greycliff
393.0' Composite Steel & Concr.
Girder Br. & App.
Contract Awarded: 10-1-77
Contract Amount: $481.649.80
Proceed Order Date: 10-25-77
Work Started: 11-5-77

L. R. Huckaba Construction Company
Cardwell, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 170 Working Days
Probable Completion Date: 9-30-78
Effective Opening Date: N.A.

Progress has been good with the contractor employing 5 men and working fourteen 8 hour shifts. The entire period was spent setting forms for the deck slab. A three man engineering crew is assigned to this project which is 68% complete with 49% of the contract time elapsed. The contractor has 89 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass-East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mis Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
George A. Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 8-30-78
Effective Opening Date: 6-23-78

Two men have been working on the final estimate and supporting data. The final estimate is now approximately 90% complete. The project remains 99% complete with 99% of the contract time elapsed. The contractor has 9 working days of contract time remaining.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section-Bozeman

RCH:EJR:cj
cc: Bozeman Division Office
Bozeman Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
AUGUST 7, 1978

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period July 18, 1978 thru August 8, 1978.

GENERAL

Weather has been overcast to clear with temperatures ranging from 50° to 90° with some rain causing temporary delay to construction progress.

PRE-CONSTRUCTION

RF 25(2) - Great Falls, Airport Access Road
Length: 0.7 miles - Cascade County
Design Started: June 3, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1978

No work during this reporting period. Design remains 46% complete.

F 60-2(03) - Great Falls East
F 64(15)
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1978

No work during this reporting period. Design remains 42% complete.

F 3-2(2) 18
Fairfield E & W
Design

R. Fransen Designer II
Gt. Falls - Phone 452-2361

26 man days spent rebalancing and retemplating project due to change in line.

RF 3-2(05)
RF 236 (8)
Teton & Pondera Counties
Location Survey
Length: 20$\underline{t}$ miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: August 11, 1978

All field work complete, some checking on notes remain. Survey to be submitted by August 11, 1978.

F 9-1(1)
F 238(13) Bowmans' Corner-Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

South Section - 5.6 miles - Design work on this portion will begin in the near future. Design is 0% complete. Probable completion date December 1979.
Middle Section - 5.4 miles - No work during this reporting period. Design remains 7% complete, with probable completion date of March 1979.
North Section - 3.8 miles - Design work on this portion will begin next month. Probable completion date December 1979.

RS 218-1(1) 0
Sollid Road-Overlay
Design Started: June 5, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Aug. 25, 1978

Three man days used preparing overlay design. Design 65% complete.

RS 365-1(2)0
Brady-East Overlay
Design Started: June 8, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Aug. 25, 1978

8 man days used preparing overlay design. Design is 65% complete.

RS 228-2(03)
RS 348(18) - 5 miles South of Fort Benton
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 39, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Company, Construction
P.O. Box 11306
Spokane, WA 99211
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Comp. Date: October 21, 1977
Effective opening date: Oct. 21, 1977

Project completed October 19, 1977. Engineering crew submitted the Final Estimate and Supporting Data to Division Office on April 15, 1978, will be submitted to Helena on or about August 11, 1978.

I 15-5(64) 238 U-1 Hardy Creek Ramps
I 15-5(50) 239 U-1 Cascade N. & S. (N. Sect.)
Cascade County
Add 2 Lanes
Length: 2.9 miles
Contract Awarded: Feb. 28, 1977
Contract Amount: $459,725.41
FHWA Concurrence: Feb. 28, 1977

Hilde Construction Co., Contractor
P.O. Box 2287
Great Falls, Montana 59403
D.D. Moore - Mgr. F.P.U.
Harry Strong - Mgr. F.P.U.
Cascade - Phone $468-2891
Comp. Time: 100 Working Days
Comp. Date: October 19, 1977

Project completed October 19, 1977. Engineering crew submitted the Final Estimate and Supporting Data to Division Office on April 15, 1978, will be submitted to Helena on or about August 11, 1978.

I 15-5(50) 239 U-4
Cascade North & South (So. Section)
2 Structures & Add 2 Lanes
Cascade County
Length: 11.4 Miles
Contract Awarded: August 15, 1977
FHWA Concurrence: August 15, 1977
Amount of Contract: $2,662,646.97
Work Started: August 29, 1977

Rehbein Contracting, Inc., Contractor
P.O. Box 339
Plains, Montana 59859

D.D. Moore - Mgr. F.P.U. (Roadway)
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Prob. Comp. Date: August 15, 1978

Roadway: Progress has been good. Rehbein Construction moving Uncl. exc., South Cascade Interchange, Sta. 1950 to 2100 and 1659 to 1800. Finishing to bluetops. Placing and laying 3/4" Cts, 1½" CBC and 3"CBC. Began Bit Surf. on July 18, 1978. Items and percent complete are: (1) Uncl. Exc. 96%, (2) 1½" CBC 78%, (3) 3/4" CTS 84%, (4) 3" CBC 56%, (5) Plant Mix Bit. Surf. 39%. The project as a whole is 89% complete with 66% of the contract time elapsed. Construction layout is 96% complete with a 17 man engineering crew engaged in layout, inspection and testing. Structures: Station 1775 - All work completed July 24, 1978. All items 100%, Station 2014 - All items completed 7-10-78.

I 15-6(21) 304 - Teton River N & S (So. Sect.)
Dual Rest Area, Lighting & Related items
Teton County
Contract Awarded: April 15, 1977
Contract Amount: $323,589.40
Work Started: June 1, 1977

Sletten Construction Co., Contractor
Great Falls, Montana
S. Newton - Mgr. F.P.U.
Teton River Office
Comp. Time: 175 Working Days
Comp. Date: June 30, 1978

Final inspection was held June 13, 1978. Inspection by Ken Carpenter F.H.A. Engr., June 29, 1978.

Final estimate submitted to Division Office on July 27, 1978, will be forwarded to Helena on or about August 24, 1978.

BRF 9-2(3) 63
Teton River Bridge - South of Choteau
Teton County
Contract Awarded: August 15, 1977
Amount of Contract: $447,638.98
Work Started: Sept. 13, 1977

Frontier West, Inc., Contractor
P.O. Box 8242
Missoula, Montana 59801
Don Harrison - Mgr. F.P.U.
Choteau
Comp. Time: 130 Working Days
Prob. Comp. Date: Sept. 15, 1978
Effective Opening Date:

Progress has been fair. The structure is complete, gravel operations completed July 28, 1978 except for minor cleanup. Paving to start August 3, 1978. Other work remaining; removal of detour bridge, remove and reset guard rail, bit. curb and down drains. The project as a whole is 85% complete with 76% of the contract time elapsed. Construction layout is 90% complete with a 2 - 5 man engineering crew engaged in testing and inspection.

ER 72 (4)
Landers Fork - Flood Damage Repair
Lewis & Clark County
Contract Awarded: Dec. 15, 1977
Amount of Contract: $109,020.50
Work Started: Feb. 14, 1978

General Construction, Contractor
P.O. Box 3589, Butte, Montana 59701
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Comp. Date: July 20, 1978
Effective opening date: July 3, 1978

All items are 100% complete. The project as a whole is 100% complete with 76% of the contract time elapsed. Construction engineering crew engaged in other assignments.

F 80-1(1) 5
Fort Benton - South-Geraldine-Fort Benton
Chouteau
9.5 miles - Pl. Mix Overlay
Contract Awarded: October 1, 1977
Contract Amount: $523,710.83
Work Started June 22, 1978

Meyer Construction Company, Const.
P.O. Box 1417, Billings, MT 59701
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 90 Working Days
Prob. Comp. Date: Sept. 1, 1978
Effective opening date:

Progress has been poor. Contractor completed producing and stockpiling 3/4" pl. mix Grade "B" aggregate on July 17, 1978. He plans to start paving operations on or about August 14, 1978. Items and percent complete are: Crush and stockpile 3/4" Pl. Mix Agg. 100%. The project as a whole is 13% complete with 48% of the contract time elapsed. Construction layout is 50% complete with a 2 man engineering crew engaged in layout, testing and other assignments.

HHS 24-4(2) 127
Mont. 200 at Int. Mt. 21 and U.S. 89
Intersection improvements
Cascade County
Contract Let: October 27, 1977
Contract Awarded: November 2, 1977
Contract Amount: $148,488.00
Work Started: April 11, 1978

Kraus Construction Co., Contractor
P.O. Box 923, Great Falls, Montana
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: Oct. 20, 1978
Effective opening date:

Progress has been Good. Kraus Construction completed hauling and placing 1½" CBC and 3/4" CTS. Began paving July 22, with paving complete except over bridge at Sun River. Subcontractor Sletton Construction, started work on revision of bridge deck on July 22, 1978 and completed on July 31, 1978. Items and percent complete are: 1½" CBC 105%, 3/4" CTS 98%, Plant mix Grade C 115%. The project as a whole is 97% complete with 90% of the contract time elapsed. Construction layout is 100% complete with a 4 man engineering crew engaged in testing and inspection and other assignments.

HHS 24-3(1) 90
Rogers Pass - Guardrail 0.2 miles
Lewis & Clark County
Contract Let: May 31, 1978
Contract Awarded: May 31, 1978
Work Started:
Contract Amount: $42,836.00

Western Sign Company
P.O. Box 2669, Great Falls, Montana
Walt Smith, M.F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 20 Working Days
Comp. Date: August 2, 1978
Effective opening date: Aug. 2, 1978

Progress has been Good. Western Sign Company completed work on August 2, 1978. All items 100%. The project as a whole is 100% complete with 95% of the contract time elapsed.

TQS 228-1(3)0
Great Falls - Highwood
Cascade County
13.7 miles, Pl. Mix Overlay & Seal Cover
Contract Awarded: July 29, 1977
Work Started: Sept. 19, 1977
Contract Amount: $1,087,497.70

Hilde Construction Co., Contractor
P.O. Box 2287, Great Falls, MT 59403
Frank Robinson - Mgr. F.P.U.
Great Falls, Phone # 453-2573
Comp. Time: 140 Working Days
Prob. Comp. Date:
Effective opening date: July 21, 1978

Progress has been fair. Began seal and cover operations on July 18, 1978 and completed on July 21, 1978. All major items complete with exception of seeding. Minor cleanup remaining and will be completed when area is dry. The project as a whole is 96% complete with 59% of the contract time elapsed. Construction layout is 95% complete with a 2 man engineering crew engaged in inspection and layout.

RS 228-2(4) 40
Fort Benton - South
Chouteau County
4.3 miles - G. GS. Pl. Mix Bit. Surf.
Contract Awarded: March 31, 1978
Contract Amount: $1,039,164.75
Work Started: June 8, 1978

General Construction Co., Contractor
P.O. Box 3589, Butte, MT 59701
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 140 Working Days
Prob. Comp. Date:
Effective opening date:

Progress has been good. Contractor moving uncl. exc. from 166 to 382. Culverts being installed at Stations 311, 302, & 333. Subcontractor, Swan, installing fence station 287 to 253. Items and percent complete are: uncl. exc. 38%, C.S.P. 24 in. 0.64 34%, CSP 60" 0.109 100%, fencing 98%. The project as a whole is 22% complete with 27% of the contract time elapsed. Construction layout is 95% complete with 7 man engineering crew engaged in layout, inspection and other assignments.

RS 330-1(3)31
Cascade East - Cascade - Ulm
Cascade County
6.5 miles - Pl. Mix Overlay
Contract Awarded: Dec. 15, 1977
Contract Amount: $250,432.62
Work Began: July 18, 1978

Meyer Construction Co., Contractor
P.O. Box 1417, Billings, Montana 59101
Walt Smith-Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Prob. Comp. Date: August 15, 1978
Effective opening date:

Progress has been good. Contractor began paving operation on July 18, 1978 with paving nearly complete. Items and percent complete are: Uncl. Exc. 42%, Plant Mix Grade C 109%, Traffic Cont., Flagging, 48%. The project as a whole is 68% complete with 53% of the contract time elapsed. Construction layout is 100% complete with a 7 man engineering crew engaged in inspection and testing.

M 5201 (5) U-2
Structure on 6th St. S.W. - Great Falls
Cascade County
Contract Awarded: May 31, 1977
Amount of Contract: $2,008,232.79
Work Started: June 21, 1977

Sletten Construction Co., Contractor
P.O. Box 2467
Great Falls, Montana 59403
T. Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 300 Working Days
Prob. Comp. Date: Oct. 30, 1978
Effective opening date:

Progress has been fair. All substructure units and prestressed beams are in place but require finishing. The backwalls and diaphrams are in place. The deck is 90% formed and resteel is placed in N.B. AD concrete placed in span #4 N.B. August 1, 1978. Items and percent complete are: AD Conc. 71%, Resteel 72%, Prest Beam 94% , Str. Exc. 95%. The project as a whole is 76% complete with 55% of the contract time elapsed. Construction layout is 80% complete with a 3 man engineering crew engaged in layout & inspection.

M 5217 (2)
Traffic Control Devices
10th AVe. So. at 25th & 26th St. - Gt. Falls
Cascade County
Contract Awarded: June 27, 1977
Amount of Contract: $60,924.25
Work Started: April 10, 1978

Cascade Electric Co., Contractor
903 10th Ave. North, Great Falls, MT
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Date: July 10, 1978
Effective opening date: June 15, 1978

Project certified complete and accepted July 10, 1978. Final estimate will be submitted to Division Office on or about August 15, 1978.

PMS 4140(52) U-6 & 7
Pavement Markers
Cascade, Glacier, Toole & Hill Counties
Contract Awarded: March 31, 1978
Contract Amount: $130,357.75
Work Started: June 28, 1978

Northern Rockies Const., Contractor
P.O. Box 2101, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: August 15, 1978

Progress has been fair. Maintenance forces and city forces have completed sufficient overlay work, which permitted contractor to place pavement markings at major intersections in vicinity of State Fair Grounds. Work then suspended until after fair. Items and percent complete are: striping 8" 46%, striping 24" 55%, words and symbols 51%. The project as a whole is 42% complete with 16% of the contract time elapsed. Construction layout is 55% complete with a 1 - 2 man engineering crew engaged in inspection and layout and other assignments.

RS 000S(59)
Secondary Signing
Cascade County
Contract Awarded: March 31, 1978
Contract Amount: $9,918.00

Northern Rockies Const., Contractor
P.O. Box 2101, Great Falls, MT 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #353-2573
Prob. Comp. Date: August 15, 1978

Progress has been none. Contractor now has all materials on hand and will work on this project between intersection improvements (project pms 4140 (52) U-6). The project as a whole is 0% complete with 41% of the contract time elapsed. Construction layout is 100% complete with engineering crew engaged in other projects.

I000B(2) Unit 3
Fertilizing I-15
Cascade, Teton & Pondera Counties
Contract Awarded: March 31, 1978
Contract Amount: $44,212.50
Work Started: April 20, 1978

BECO, Inc.
P.O. Box 1768, Idaho Falls, Idaho
Stan Newton - Mgr. F.P.U.
David Kelly - Civil Eng.
Great Falls - Phone #453-0422
Comp. Date: May 22, 1978

Contract completed work May 22, 1978. Final estimate was submitted to Division Office on June 13, 1978. Will be forwarded to Helena on or about Sept. 1, 1978.

SMP 0799-78
Crushing & Stockpiling
Lewis & Clark, Teton & Cascade Counties
Contract Awarded: May 1, 1978
Contract Amount: $128,232.50

Zook Bros. Const. Co., Contractor
P.O. Box 2025, Great Falls, MT 59403
Stan Newton - Mgr. F.P.U.
Great Falls - Phone #453-0422
Prob. Comp. Date: Sept. 22, 1978

Progress has been fair. Contractors completed crushing at Pit No. 0750-57 on July 19, 1978 and completed crushing at Pit No. 2550-37 on August 2, 1978. Contractor is removing crusher from project for 1 - 2 weeks before completing work. Items and percent complete are: 1/2" C.T.S. 47%. The project as a whole is 47% complete with 40% of the contract time elapsed. Construction layout is 100% complete with a 3 man engineering crew engaged in testing.

James T. Sullivan - P.E. Supvr.
Division Construction Section

JTS/MRB/kc

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

August 4, 1978

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending August 4, 1978.

G E N E R A L

The weather has been good with some heavy rain showers this past reporting period. The temperatures ranged from 38° to 95°.

P R E C O N S T R U C T I O N

HHS 58-1 (1) 30, St. Mary - Babb
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F 10-2 (1) 79, Big Sandy - North
10.1 miles, Chouteau County
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

S 241-1 (01), Turner - Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project. Design as a whole is 25% complete with 24 mandays used to date.

RS 233-1 (01), Havre - North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 40% complete.

RS 233-1 (2), Havre - North
12.0 miles, Secondary Rte. 233
Location Survey

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

No work on this project this period as the engineering crew is working on other projects. Reducing notes and plotting cross sections are 75% complete. The cross sectioning is 93% complete. Centerline, levels, check levels, and utility topography are 100% complete. The general topography is 75% complete and section ties are 15% complete. The location survey as a whole is 70% complete with 194 mandays used to date.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey this past reporting period. All work was suspended on April 24th due to working on other projects. All items remain as previously reported.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Preliminary Engineering

Hugh M. Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

F 1-3 (3) 210
Two Medicine Bridge - East and West
3.6 miles, Glacier County
Location Survey

Hugh M. Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

Survey suspended on May 12, 1978. Location remains 90% complete. Survey crew is working on other projects.

C O N S T R U C T I O N

HHS 1-3 (1) 223, Browning - East - West Road
0.5 miles, Glacier County
Slope flattening and guard rail
(safety correction)
Contract Let: September 29, 1977
Contract Amount: $128,316.89
Work Started: 4/24/78

Evenson, Inc.
Chouteau, Montana
Hugh M. Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 45 working days
Probable Completion Date: 8/30/78
Effective Opening Date:

Progress has been fair. The contractor worked eight 8 hour shifts with 4 to 6 men employed. Rough grading is 100% complete and finished grading will be completed on 8/7/78. The project as a whole is 67% complete with 31% of the contract time elapsed. One man is engaged in construction inspection.

RF 62 (14) & RF 132 (14)
Shelby - Chester, Chester - West
5.36 miles grade, aggr. surf.,
surf., storm sewer, signing & lighting
Contract Let: 2/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co. & Affiliates
Havre, Montana
Albert M. Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 200 working days
Completion Date: 8/1/77

RF 62 (14) & RF 132 (14) (Continued):

The final estimate and supporting data were mailed to Helena on July 29, 1978. This is the final report for this project.

I-IG 15-8 (25) 379
Sunburst - Canadian Line
Sweetgrass - South, Sunburst - South
Gr. agg. surf., pl. mix bit. base, pl. mix bit. surf., structures, safety correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Manager
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

The final estimate and supporting data were submitted to the Division office on July 31, 1978. Checking of the field notes is 20% complete. The final estimate will be submitted to Helena about 10/2/78.

I 15-8 (33) 343
Toole County Line - North
8.314 mi. agg. surf., pl. mix bit. surf., & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work Started: 5/16/77

Empire Sand & Gravel Construction Co.
Billings, Montana
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable Completion Date: 8/15/78
Effective Opening Date:

The progress for the past 3 weeks has been fair with 6 days lost due to rain. The contractor employed an average of 13 men on one 9 hour shift per day. Total 3/4" grade B plant mix to date is 59,825 tons making this item 100% complete. The contractor completed removing the concrete box culvert at Sta. 276+00 and started to assemble the 72" SSPP. They are also removing the temporary detours on the north end of the project and removing temporary traffic stripes. Subcontractor, Western Sign, employed 5 to 11 men on a one 9 hour shift installing signs and guard rail. These items are 100% complete. Subcontractor, Mark Rite, employed 4 men on a one 14 hour shift striping the project. Completed all the stripes necessary to open the north bound lane and will return when stripe removal is completed. The north bound lane was opened to traffic on July 27th. Eight to eleven men are engaged in inspecting and construction layout. The project as a whole is 98% complete with 99% of the time elapsed.

RF FLS 353 (15)
Two Medicine Bridge - East
5.7 miles - Glacier County
Grade, aggr. surf. pl. mix base, pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77

Hilde Construction, Inc.
Great Falls, Montana
Hugh M. Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion Date: 8/4/78
Effective Opening Date:

Progress has been good. The contractor worked nine 10 hour shifts with 30 men employed. All work is complete except some stays that are being added to the fence. This should be complete today. 93% of the contract time has elapsed. The project was opened to unrestricted traffic

RF FLS 353 (15) (Continued):

on 8/3/78. A 5 man engineering crew is engaged in construction inspection.

RS 432-1 (2) 27
Big Sandy - Rudyard
7.3 miles - Chouteau & Hill Counties
Grade, aggr. surf., pl. mix
base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work Started: 7/6/77

Wickens Brothers
Lewistown, Montana
Albert M. Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 140 working days
Probable Completion Date: 9/15/78
Effective Opening Date:

Progress has been poor. There has been no work done since last reporting period. All items are 100% complete except signing, striping and ½" cover material gr. 3. The project as a whole is 89% complete with 78% of the contract time elapsed. A six man engineering crew is engaged in checking notes, layout and working on other projects.

TQS 464-1 (2) 19 U-2
Browning - Babb (Duck Lake Road)
Grade, gravel, and pl. mix base
Contract not Let

Harold D. Kelly, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

The contractor, Derringgo Construction Co., for the Continental Telephone of the West began line revisions July 25, 1978. Eight hour shifts were worked for six days employing 2 to 5 men. All poles have been reset. The utility revision was completed on August 2, 1978. A six man engineering crew was assigned to utilities July 31, 1978. Work consisted of checking utility contractors work and relocating centerline in mile 1 and 2 and rechecking R/W line. R/W for utility layout is 100% complete. Construction layout as a whole is approximately 5% complete.

F-1-6 (2) 382
U.S. 2 - Havre - East Section
1.9 miles - Hill County
Grade, gravel surf., pl. mix surf.
and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 10/30/78
Effective Opening Date:

Progress has been good. The contractor worked nine 9 hour single shifts and five double shifts at 8 hours , each shift with up to 43 men employed. Street excavation resumed on Monday 7/24/78 from Sta. 578+00 to Sta. 595+00 with 7,800 cu. yds. removed making this item 55% complete to date. 13,860 tons of 1½" crushed base was placed in this area making this item 65% complete. The subcontractor, Randolph Construction Co., has been placing the curb radius on street approaches making curb and gutter installation 38% complete to date. The drainage mainline, drop inlets, and related pipe are 100% complete. The drainage structures as a whole are 90% complete. The project as a whole is 54% complete with 62% of the contract time elapsed. An eight man engineering crew is assigned to the construction layout and inspection.

SMP 1899-77 Various Roads
Crush and Stockpile
Pondera, Toole and Glacier Counties
Contract Let: 12/15/77
Contract Amount: $111,610.00
Work Started: 3/22/78

Hilde Construction Co., Inc.
Great Falls, Montana
Harold D. Kelly, Field Proj. Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 45 working days
Probable Completion Date: 10/20/78

All crushing and stockpiling of gravel is complete. Work remaining consists of seeding of pit area which will be done this fall.

RRP 4139 (55) State Wide
0.0 miles - various Counties
and guard rail on various
R. R. Highway Crossings
Contract Let: 5/25/78
Contract Amount: $382,865.10
Work not started

Pacemaker Industries, Inc.
Spokane, Washington
Glen Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 90 working days
Probable Completion Date: 11/1/78

No work on this project. The post lengths have been determined and the location of the signs have been staked throughout this Division.

PMS 4140 (52) Units 6 & 7
Various Cities in N. Central Montana
(Intersection Pavement Markings)
0.0 miles
Cascade, Glacier, Toole & Hill Counties
Contract Let: 2/23/78
Contract Amount: $130,357/75
Work not Started

Northern Rockies Construction Co.
Great Falls, Montana
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 90 working days
Probable Completion Date: 8/18/78.

The plastic strips in Havre are 40% complete. The unit 7 portion of the project in the Havre Division is 25% complete. Plans are to complete the work in Havre on 8/11/78 and to complete the other 3 towns on 8/18/78. A 2 man engineering crew is engaged in construction layout and supervision.

M 5708 (2) Unit 1
5th Avenue and 14th Street - Havre
(Securing & Delivery of Signal Material)
0.0 miles - Hill County
Contract Let: 3/30/78
Contract Amount: $10,737.00

Western Sign Corporation
Great Falls, Montana
Unassigned
Contract Time: August 1, 1978
Probable Completion Date: 8/18/78

Delivery of materials has been delayed due to strikes. To date the 1" and 1½" rigid conduit has been received and is in storage at the Havre Shop.

Respectfully submitted,

Hazen D. Flicksnger, P.E., Supervisor -
Division Construction Section - Havre

HDF/LDN/mh

DIVISION OFFICE
GLENDIVE, MONTANA
August 3, 1978

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending August 1, 1978.

GENERAL

Progress throughout the Division has been slow. Temperatures ranged from plus 50 degrees to plus 98 degrees.

PRECONSTRUCTION

F-20-2(1), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer II
Design Started - August 4, 1975
Est. Comp. Date - May 31, 1979

Location work is 99% complete with only minor items to be checked in the field on section ties and topog. During the past period seven and a half mandays were used on design plotting template on cross sections, design of drainage pipe, irrigation syphons and computing additional excavation quantities. Design is 14% complete with 104 mandays used to date.

RF-20-2(2), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Project Manager
Glendive, Montana - Phone 365-5296
Comp. Date - June 1, 1979

A six to ten man engineering crew worked 101 mandays this period. Six mandays were spent relocating and checking B.M's; 44 mandays were spent taking cross-sections; 33 mandays were spent taking topography on the connection to P.T.W. and additional cross-sections on irrigation ditches; 18 mandays were spent getting elevations on irrigation ditches and structures. Flyline established is 95% complete; centerline run is 87% complete; B.M. established is 95% complete; cross-sections are 52% complete; Bridge situations and plan plotted are 5% complete. Field notes checked, profile plotted and drainage recommendation remain at 0% complete. A total of 782 mandays have been worked on the project making it 65% complete.

F-25-1(1)0, CIRCLE-NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - September 1, 1978

Ground control for aerial survey was completed March 23, 1978. Mapping has been completed by the Photogrammetric Unit. Map sheets have been returned to the Division Office for placing centerline and cross-sections wanted. To date eleven mandays have been used on placing centerline, placing cross-section limits and picking cross-section stations. Maps will be returned August 2, 1978 for further processing by the Photogrammetric Unit. Four mandays used this past period looking for section corners.

F-42-1(1)0, FLOWING WELLS-NORTH
Length - 19.7 Miles
Survey Authorized - March 16, 1977

G.L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Est. Comp. Date (Design) - Aug. 30, 1980

F-42-1(1)0, FLOWING WELLS-NORTH (continued ...)

No work on this project during the past period. Design will be completed as soon as comments on P.I.H. Report are received. Design remains 68% complete with 9½ mandays used to date.

S-201-2(1)39, PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Est. Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 mandays used to date.

S-252-1(1), CIRCLE NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

Robert A. Passow, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - September 29, 1978

No work on this project during the past period. Flyline established, centerline run, B.M. established, cross-sections topography, profile plotted are 100% complete. Section ties are 23% complete; field notes checked are 95% complete; plan plotted is 95% complete and bridge situations are 95% complete. A total of 860 mandays have been worked on the project which remains 86% complete.

RS-253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S-323-1(1)47, ALZADA-EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Dennis C. Tenney, Fld. Proj. Mngr.
Glendive, Montana - Phone 365-2877
Est. Comp. Date - October 30, 1978

No work on the project during the past period. Horizontal control is 50% complete and elevations are 100% complete. A total of 265 mandays have been used to date.

CONSTRUCTION

I-IC-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade Agg. Surf., Plant Mix Surf.
Signing and Structures
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976
Contract Awarded - March 31, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
H.D. Kelly, Fld. Proj. Mgr.-Roadway
C.H. Neiffer, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 260 Working Days
Prob. Comp. Date - August 7, 1978
Effective Opening Date - July 27, 1978

Prime contractor Joe Mayo & Son Inc. employed five to seven men and two to three flag-ladies for eight various length shifts this past period and removed all detours, installed 41' of 24" C.S.P. left of station 2050+30, also 282.5 tons of 1½" C.B.C. was salvaged from detours and placed on Access Road left on July 20, 1978, Contractor completed all cleanup work and moved off project. Sub-contractor Swan & Son Inc. resumed work on July 24, 1978 employing four to five men and worked three 8 hour shifts. Sub-contractor Mark Rite Lines Inc. completed their sub-contract work on July 27, 1978, using 100 gallons yellow and 115 gallons white paint. One to two engineers in office on final quantities and three to five engineers on survey crew in field on miscellaneous work and inspection. The contract is 99.9% complete with 278 working days or 99.6 of the contract time elapsed.

I-94-5(15)183 UNIT 3
FALLON-DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - January 27, 1977
Amount of Contract - $1,005,548.41
Work Started - April 21, 1977

Weyher Construction Company
P.O. Box 628, Salt Lake City, UT 84110
C.H. Neiffer, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Comp. Date - July 7, 1978
Effective Opening Date - N/A

Project was completed July 7, 1978 using 149 days of 158 working days or 94% of the contract time. Final estimate has been checked in the Division Office and will be submitted to Helena about August 8, 1978. This is the final report on this project.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE- EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guardrail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977
Effective Opening Date - October, 1976

Contract was completed on October 31, 1977 using 233 working days or 95% of the contract time. One to two engineers working on final estimate. Final estimate is estimated to be 91% complete.

I-94-6(29)226 UNIT 1
GLENDIVE-WIBAUX CO. LINE WEST (EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1977
Amount of Contract $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
Vic Scheuffele, Field Proj. Mgr.
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Completion Date - May 16, 1978
Effective Opening Date - N/A

Contract was completed on May 16, 1978 using 151 working days or 87% of the contract time. One man working part time on final quantities. Final estimate is approximately 81% complete.

I-94-6(30)221 UNIT 1
WIBAUX COUNTY LINE-WEST (MIDDLE SECTION)
Length - 4.7 Miles
Grade, Related Items, and Dual Overpass
Contract Awarded - August 15, 1977
Amount of Contract - $1,418,195.30
Work Started - September 6, 1977

McIntyre Const. & S. Birch, Inc.
Box 2167, Great Falls, MT 59403
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
K.G. Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - November 1, 1978
Effective Opening Date - N/A

Progress this past period has been fair. Contractor, McIntyre Const. Co. & S. Brich, Inc. worked eleven 9 hour and one 4 hour shifts employing eight men. Three days were lost this past period because of wet weather. Work consisted of hauling and placing 28,233 cu. yd. of topsoil for a total to date of 51,911 cu. yds. or 100% complete and finishing roadway sub-grade from station 830+ to station 870+. Contractor, McIntyre Const. & S. Birch, Inc. Bridge Crew worked two 9 hour and twelve 8 hour shifts with from one to five men employed. Work consisted of excavating for footings on all bents, completing the driving of treated timber test pile, and tieing sub-structure reinf. steel for future placement. Bridge portion of this contract is 7% complete. The project as a whole is 68% complete with 103 working days used or 67% of the contract time elapsed. Construction layout with three to eight men employed is estimated to be 67% complete.

F-27-2(1)44, BAKER-NORTH
Length - 10.3 Miles
Plant Mix Overlay
Contract Awarded - June 27, 1977
Amount of Contract - $617,681,20
Work Started - September 16, 1977

Meyer Construction Company
Box 1417, Billings, Montana 59101
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 90 Working Days
Prob. Comp. Date - Oct. 30, 1978
Effective Opening Date - N/A

Paving operations were completed on this project June 6, 1978. Seal and cover work will be accomplished on or about August 15, 1978. No contract time is being charged as per Article 34.04 (A). One to two men in the office part time this past period on final quantities. The project as a whole is estimated to be 91% complete with 83 working days used or 92% of the contract time elapsed.

RS-323-1(2)47, ALZADA-EKALAKA
Length - 3.2 Miles
Grade, Drain, Agg. Surf., Plant Mix Bitum.
Base, Seal and Cover
Contract Awarded - May 31, 1977
Amount of Contract - $773,245.82

Earth Builders, Inc.
Box 838, Bismarck, No. Dak. 58501
Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Working Days
Prob. Comp. Date - November 1, 1978
Effective Opening Date - July 28, 1978

Contractor did not work during the past period. Sub-contractor, Mark-Rite Lines, worked one 4 hour shift employing three men. Work consisted of placing centerline and shoulder striping. The project as a whole is 99.5% complete with 95 working days used or 79% of the contract time elapsed. Final estimate is 92% complete, with two engineers working part time.

RS-394(3), WEBSTER WEST
Length - 10.036 Miles
Grade, Aggr. Surf., & Prestressed Con. Girder Bridge
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Construction & S. Birch. Inc.
P.O. Box 2167, Great Falls, MT 59403
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - October 30, 1978
Effective Opening Date - June 12, 1978

Project roadway was completed on June 12, 1978 and preliminary acceptance of the project was made on June 27, 1978. Final acceptance is dependent on final pit reclamation. Final estimate is 10% complete and has been checked by the Division Office.

RRP-4139(55), PROTECTIVE MARKINGS
RAILROAD HIGHWAY CROSSINGS
GLENDIVE DIVISION
Contract Awarded - May 31, 1978
Amount of Contract - $382,865.10
Work Started (Glendive Division) - July 17, 1978

Pacemaker Industries Inc.
P.O. Box 11527, Spokane, Wash. 99211
Robert A. Passow, Fld. Proj. Mngr.
Glendive, Montana - Phone 365-5296
Contract Time - 90 Working Days
Prob. Comp. Date - September 29, 1978

Contractor began work on project in the Sidney Area July 17, 1978. Working toward the southern part of the division and completing the pavement marking in the morning of July 24, 1978. Contractor has moved to Wolf Point Division and will return at a later date to place signs when materials are available. The contractor placed 1390 ln. ft. 24" white and 2359 sq. ft. of white Reflectorized Pavement marking in the Glendive Division.

CONSTRUCTION

PROGRESS REPORT

P.M.S. 4140(52) UNIT 5
STATEWIDE PAVEMENT MARKINGS
Various Intersections
Contract Awarded - March 31, 1978
Contract Amount - $26,946.77 (Glendive)
Work Started (Glendive Division) - July 10, 1978

Pacemaker Industries Inc.
P.O. Box 11527, Spokane Wash. 99211
Robert A. Passow, Fld. Proj. Mngr.
Glendive, Montana - Phone 365-5296
Contract Time - 120 Working Days
Comp. Date - July 27, 1978

Contractor made good progress in the division laying the pavement markings, some problem with sand blasting equipment caused delays in removing existing pavement markings at the Highland Park Road Intersection. The contractor completed laying markings in the division July 27, 1978. The contractor removed 3,764 ln. ft. 4" striping, placed 3,548 lin. ft. 8" white, 1,930 ln. ft. 24" white, 1,785 ln. ft. 8" yellow, 339 ln. ft. 24" yellow, 48.5 ln. ft. 4" yellow and 199.6 sq. ft. of words and symbols. This is the final report for Unit 5 of this project.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor -
Division Construction Section

BR:JMB:tap

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
August 4, 1978

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending August 4, 1978.

GENERAL

Measurable amounts of precipitation has been received the past period. Progress on road construction has been good to fair. Work on off system road projects has started. The temperatures ranged from a low of 50 degrees to a high of 99 degrees.

PRECONSTRUCTION

F 1-9(2)537, Glasgow-West
Approximately 4 Miles in Length
Scheduled for Letting 08-78

George L. Nelson, Fld Proj Mgr
Dale Devore, Fld Proj Mgr
Glasgow, Montana
228-2717

Montana-Dakota Utilities and Mountain Bell have completed adjustments to their facilities on this project. No work has been accomplished on engineering layout as the engineering crew has been assigned to other projects. The engineering layout percentages are: slope staking 20%, centerline 100%, bench levels 100%, referencing of points 90%, and R/W line 31% complete. The engineering layout is 18% complete. No engineering employees are assigned to this project.

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76
Survey Resumed--01-09-78
Survey Suspended--04-25-78
Survey Resumed--05-08-78

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--10-15-78

Division office personnel used six man days this past period checking field notes. Percentages complete on the 10.1-mile survey remain as follows: centerline, bench levels, profile, profile plotted, section ties, topography and cross sections 100% complete. The project as a whole is 89% complete with drainage research the only major item remaining. 983 man days used to date. Estimated date of completion is 10-15-78.

F 32-1(01)0, Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date--12-15-78

Centerline, bench levels and topography are 100% complete; section ties are 75% complete; cross sections are 30% complete. The survey as a whole is 68% complete with 366 man days used to date.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77
Location Survey Resumed--12-05-77
Location Survey Suspended--02-01-78

George L. Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date--12-15-78

No work this past period. Percentages on the survey are as follows: centerline and bench levels 100% complete; topography 60% complete; section ties 40% complete; cross sections 10% complete. The project as a whole is 48% complete with 307 man days used to date. Survey suspended, crew transferred to other projects.

F 62-1(01), Missouri River Bridge-South of Culbertson
Formerly F 273(16)
Approximately 0.2 Mile in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--11-15-78

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

S 438-1(01), Nashua-North
Formerly RS 239(5)
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est. Compl. Date--07-31-78

Thirteen man days were used the past period on PIH revisions. A total of 128 man days has been used to date on design which is 95% complete.

F 1-8(1)457 & HHS 1-8(2)454
Dodson-Malta & Dodson-East
Plant mix overlay, seal & cover
9.0 Miles in Length
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--04-27-78
Bid Price--$537,518.34

Earth Builders, Inc.
Box 838
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Prob. Compl. Date--08-31-78
Effective Opening Date--

Progress has been good. 327 tons of CRS-2 and 3,090 tons of 5/8" cover material have been placed on roadway or 100% complete. 8,311 tons of plant mix surfacing, Grade C, have been produced and placed the past period for a total to date of 31,076 tons or 100% complete. Crack sealing is 100% complete. Western Sign Company, subcontractor, moved in Monday afternoon, 07-31-78, and began resetting of guard rail. Nine men worked two 9-hour shifts driving 145 posts and hanging 300 feet of rail or 7% complete. Earth Builders worked 14 variable shifts with 4 to 27 men employed on plant mix surfacing and seal and cover operations. The contract as a whole is 85% complete with 66% of the contract time elapsed.

F 1-0(6)611, Poplar-Brockton
14.5 Miles in Length
Plant mix overlay, seal & cover
Contract Let--07-27-78
Contract Awarded--
Proceed Order Date--
Work Started--
Bid Price--

Gus M. Albert
Miles City, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--
Prob. Compl. Date--
Effective Opening Date--

No work on construction layout this past period. Line is complete on all curves for a total of 3.3 miles or 24% complete. The construction layout remains at 15% complete. Letting date was 07-27-78.

F-FLH 25-2(2)47 & HHS 1-9(7)565
S.E. Section of the Circle-Wolf Point Road & Frazer-West
12.6 Miles in Length
Grading, aggregate surfacing, plant mix bituminous surfacing, signing, lighting traffic signals & a 71.25' prestressed concrete girder bridge
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--10-13-77
Bid Price--$2,107,378.17

Wickens Brothers
Lewistown, Montana
Duane J. Novakovich, Fld Proj Mgr
653-1050
Working Days--150
Prob. Compl. Date--12-01-78
Effective Opening Date--

Progress this past period consisted of moving 2,000 cu. yds. of uncl. exc. for a total to date of 177,000 or 100% complete. Replacement of topsoil is 100% complete. 29,960 ton of 1½" cr. base was placed for a total to date of 213,110

ton or 98% complete. 12,230 ton of 3/4" top surface was placed for a total to date of 12,230 ton or 95% complete. C.S.P. culvert installations are 98% complete. R.C.P. culvert installations are 100% complete. Curb and gutter and sidewalks are 80% complete. Class AD concrete is 100% complete. MC-70 prime is 100% complete. Project is 70% complete with 52% of the contract time elapsed. 75 contractor employees worked 15 9-hour shifts. Ten engineering personnel are engaged on the project. Progress this past period consisted of applying 180 ton of CRS-2 seal oil and 2,830 ton of 5/8" cover material making these items 100% complete. Highway striping is the only remaining item to be done.

F 32-2(1)65, Port of Scobey
0.141 Mile in Length
Grading, plant mix bituminous base, seal & cover
Contract Let--11-17-77
Contract Awarded--12-15-77
Proceed Order Date--04-17-78
Work Started--05-18-78
Bid Price--$65,360.85

Earth Builders, Inc.
Bismarck, North Dakota
Dale DeVore, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days--45
Prob. Compl. Date--07-21-78
Seeding--10-30-78
Effective Opening Date--

Earth Builders had a four-man crew on this project for one 8-hour shift this past reporting period. The roadway surface was broomed on 07-19-78. Completing all contract items but seeding which will be done this fall. Some minor cleanup remains to be done also. A total of 35 calendar days have been used or 78% of the contract time to date. The project is 97% complete. One engineering personnel was employed on this project for eight hours this past reporting period.

TQF 32-1(2)0, Macon-North & South
6.2 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base, plant mix bituminous surfacing, fencing & signing
Contract Let--06-22-78
Contract Awarded--06-23-78
Proceed Order Date--07-14-78
Work Started--
Bid Price--$1,587,913.95

Hilde Construction Co.
Great Falls, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--150
Prob. Compl. Date--06-01-79
Effective Opening Date--

Preconstruction meeting was held on 08-01-78. Aside from fencing, contractor does not plan to start work until 09-01-78. A five-man engineering crew completed slope staking this past period.

F 62-1(2)1, Sidney-Culbertson
6.7 Miles in Length
Grading, plant mix bituminous base, plant mix bituminous surfacing and signing
Contract Let--07-28-77
Contract Awarded--08-05-77
Proceed Order Date--08-26-77
Work Started--08-11-77
Bid Price--$2,272,925.24

William Clairmont, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--180
Prob. Compl. Date--08-31-78
Effective Opening Date--

F 62-1(2)1, Sidney-Culbertson (continued)

Progress good. Finally got through three weeks without a shut down because of rain. Grading is complete. An average of nine men worked 16 nine-hour shifts this past period finishing slopes and ditches, installing approach pipe and replacing topsoil on finished slopes in miles 1, 2 and 3. An average of 25 men on hot plant and paving crew worked 16 nine-hour shifts this past period and completed placement of all plant mix base surfacing, completed first lift of Grade D plant mix surfacing and began placing second lift. Items and percentages complete are: unclassified excavation 100%; culvert installation 100%; fencing 98%; seeding 50%; plant mix base surfacing 100%; Grade D plant mix surfacing 91%. Travel conditions good on new pavement for the entire length of the project. Traffic is controlled by flagmen through paving operations. The project as a whole is 90% complete with 98 days or 54% of the contract time elapsed. The construction layout is 100% complete with a 9-man engineering and inspection crew engaged on the project.

RF 153(12)U-1, U.S. 2-Dodson
0.3 Mile in Length
Grading, aggregate surfacing, road mix surfacing and structure
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Working Days--120
Act. Compl. Date--06-22-78
Effective Opening Date--

All items are 100% complete. The maintenance section striped the project on 07-11-78. 1% of the contract time remained. Final notes will be submitted about 08-11-78.

RS 248-4(2)18, Opheim-Scobey
Formerly S 8(12)
4.4 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base and widening timber bridge
Contract Let--05-26-77
Contract Awarded--06-16-77
Proceed Order Date--07-07-77
Work Started--06-30-77
Bid Price--$669,459.08

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
487-5451
Working Days--110
Prob. Compl. Date--10-30-78
Effective Opening Date--

All items are 100% complete with the exception of striping. Guard rail and signs were installed on 06-27-78. Mark Rite Lines plan to stripe the project in the near future. The project as a whole is 100% complete with 82% of the contract time elapsed. No personnel are assigned to the project.

TQS 250-1(2)37, Wolf Point N & E Loop
(North Section)
6.0 Miles in Length
Aggregate surfacing and plant mix
bituminous base
Contract Let--08-11-77
Contract Awarded--08-15-77
Proceed Order Date--09-06-77
Work Started--08-31-77
Bid Price--$392,435.60

Gus M. Albert
Miles City, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--100
Prob. Compl. Date--08-31-78
Effective Opening Date--

Progress this past period consisted of applying 134 ton of CRS-2 seal oil and 1,545 ton of ½" cover material making these items 100% complete. Highways striping is the only remaining item to be done. Project is 98% complete with 41% of the contract time elapsed. 16 men worked three variable-hour shifts. Three engineering personnel were engaged on the project.

For Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:RH:psb

cc: Field Project Managers
Don Williams
Leroy Anderson
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

August 4, 1978

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the period ending August 4, 1978.

GENERAL

Temperatures ranging from +60 to +95 degrees prevailed with .67 inch of rain received during the reporting period. Progress on construction projects was good during the period.

PRECONSTRUCTION

FI-90-9(50)485 7 Mi. West of Hardin
Length 0.1 Miles
Survey Authorized 6-8-78
Work Not Started

Engineer Unassigned
Probable Completion Date 9-29-78

Work on this survey will begin when personnel are available.

F 4-1(2)26 Bridger - Fromberg
Length 7.6 Miles
Full Survey Authorized 3-16-78
Preliminary Work Started 11-23-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 10-31-81

Two men worked on this project during the last reporting period, checking all field note books and plotting the Mylar hard shell. Design work is 2% complete and the estimated completion date is October 31, 1981.

M 1020(1) 1st Ave. North
Billings-Division St. to 22nd St.
Length 1.1 Miles
Survey Authorized 2-10-75

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Probable Completion Date 10-1-78

No personnel were assigned to the project this period and the survey remains 52% complete with 315 man days expended.

RS 416-1(1) Billings-South
8.2 Miles
Design Started 2-14-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 9-29-78

One man worked on this project during the last reporting period, checking data processing earthwork computations, work is planned for an early Plan in Hand to review alignment and grades. Design work is 15% complete and the estimated completion date has been changed to September 29, 1978.

RS 306-1(1)0 Columbus - North
3.897 Miles Design Work
Design Received 3-30-77
Design Started 9-15-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

No work was accomplished on this project during the last reporting period. Design work is 25% complete and the estimated completion date is April 1, 1982.

S 463-1(1)0 Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74
Design Started 11-4-74

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-15-82

No work was accomplished on this project during the last reporting period. Design work is 50% complete and the estimated completion date is May 15, 1982.

DP 384-2(1)41 Sarpy Creek Road (Center Section)
5.047 Miles Design Work
Design Received 9-77
Design Started 2-22-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-29-78

One man worked on this project during the last reporting period, a ground line cross section print out has been received from Helena. A field survey crew has started cross sections on the beginning section of the project and will run section corner ties as time permits, some cross sections will be required on pipe locations which may or may not be completed during the construction season. Design work is 10% complete and the estimated completion date has been changed to December 29, 1978.

DP 37-1(1) Crow Agency-Busby West Section
8.7 Miles Design Work
Design Started 7-18-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 9-1-78

No work was accomplished on this project during the last reporting period. As soon as the Review Committee has submitted recommendations on the typical section work will resume. Design work is 55% complete and the estimated completion date has been changed to September 1, 1978.

DP 37-1(1)8 Crow Agency-Busby Center Section
10.000 Miles Design Work
Design Started 2-28-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 3-30-79

No work was accomplished on this project during the last reporting period. Design work is 1% complete and the estimated completion date is March 30, 1979.

DP 314-1(1) Decker-Wyoming Line
Length 3.8 Miles
Survey Authorized 5-8-78
Work Not Started

Engineer Unassigned
Probable Completion Date 9-15-78

Work on this survey will begin when personnel are available.

BN 103986 N - State Ave.-Billings
R. R. Signal Survey
0.2 Miles
Survey Authorized 2-17-78
Work Started 3-22-78

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 10-1-78

A five person survey crew worked six days measuring and plotting topography with related data on the above captioned location. The survey is 40% complete.

CONSTRUCTION

I 90-8(80)439 - Mossmain Weigh Station Revision
0.1 Miles, Revise
Approaches and Facilities
Contract Awarded 10-1-77
Amount of Contract - $146,396.55
Proceed Order Date - 10-25-77
Work Started 6-2-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 40 Working Days
Probable Completion Date 8-11-78

The prime contractor, Empire Sand & Gravel Co., Inc., had an average of five men employed and worked ten 8-hour shifts paving, hauling and spreading topsoil, sandblasting of paint striping, and doing general clean-up. The subcontractor, Midland Electric Company, had an average of four men employed and worked fourteen 8-hour shifts completing the electrical items on the project. The subcontractor, Western Sign Corporation, had four men employed and worked four 8-hour shifts completing the signing items on the project. The subcontractor, Frank Gurney, Inc., had four men employed and worked two 8-hour shifts completing the barrier rail item on the project. The fencing and seeding contractor has indicated that he might start work on the project on August 3, 1978. All items on the project except for the fencing and seeding items are now 100% complete. Contract time elapsed has been 42 working days or 100% with 0 working days remaining. A one to four man engineering crew has been working on the project completing construction layout and doing field inspection work. The project as a whole is approximately 98% complete.

I 90-8(74)391 Reedpoint - East
6.0 Miles Plant Mix Bitum. Overlay
Stillwater County
Contract Awarded - 3-31-78
Amount of Contract - $396,157.52
Proceed Order Date 4-21-78
Work Started 4-20-78

R. J. Studer & Sons
Billings, Montana
Roddo Bakich, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 8-18-78

The contractor has been doing clean-up work and repair of some bituminous curb where needed. The "Words and Symbols" item has yet to be installed. The project is 99% complete with 61% of the contract time elapsed. One person worked in the office summarizing and checking quantities for the final estimate. The engineering layout is 100% complete.

IR 90-8(82) 396 Columbus E. & W.
13.1 Miles
Pl. Mix Bit. Seal
Stillwater County
Contract Awarded 5-31-78
Amount of Contract $846,632.70
Proceed Order Date 6-21-78
Work Not Started

Empire Sand & Gravel Co., Inc.
Billings, Montana
Roddo Bakich, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 70 Working Days
Probable Completion Date 10-30-78

The contractor began moving in some of the Hot Plant but as of yet they have not begun crushing operations of the plant mix material surf. Gr. B. 34% of the contract time has elapsed. A five man engineering crew was running center line with the engineering layout being 75% complete.

IR 90-8(81)460 Pinehill-Pryor Cr.
2.8 Miles
Pl. Mix Bit. Seal
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $219,960.60
Proceed Order Date 6-21-78
Work Started 7-28-78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 35 Working Days
Probable Completion Date 8-15-78

The contractor began his plant mix operation with thirteen men employed on July 28, 1978. The work consisted of placing the leveling course on the eastbound and followed it up by starting a 16' and 12' ribbon at the beginning of the eastbound. A five person inspection crew worked one 11-1/2 hour shift on the plant mix operation. The project as a whole is 3% complete with 57% of the contract time elapsed.

I 94-1(37)50 U2 & I 94-2(20)51
Big Horn River East and West
5.9 Miles-Grading, Agg. Surf., Pl. Mix, Bit Surf.
117.25' Structure
Contract Awarded - 12-15-77
Amount of Contract - $1,848,510.69
Proceed Order Date - 4-17-78
Work Started 2-9-78

Earth Builders, Inc., Bismarck, N.D.
John Miner, F.P.M.-Roadway
Kenneth Hartman, F.P.M.-Structure
Custer, Montana
Phone No. 635-4651
Contract Time: 160 Working Days
Probable Completion Date 12-1-78

Progress has been good this reporting period. Grading and drainage operations have continued between Stations 160+00 and 244+00, (I 94-2(20)51). The contractor has completed finishing grading operations between Stations 265+44.6 and 1+67.2, (I 94-1(37)50), and between Stations 7+31.9 and 21+00, (I 94-2(20)51). The contractor is presently finishing between Stations 125+00 and 160+00, (I 94-2(20)51). The contractor started surfacing operations this reporting period. 12,330 tons of 3" Base Crse. Gr. 2A has been placed between Stations 265+44.6 and 1+67.2, (I 94-1(37)50), and between Stations 7+31.9 and 21+00 (I 94-2(20)51). COP Construction, subcontractor, started bridge revision operations at the Big Horn Interchange this reporting period. Percentage complete of various items are as follows: Grading 70%, Drainage 49%, Signing 0%, Surfacing 23%, Fencing 0%, Structure 3%, Project as a whole 60%. Work is normally scheduled for five

I 94-1(37)50 U2 & I 94-2(20)51 Continued
varying shifts weekly and thirty-five men are now being employed. Sixty of the allotted 160 working days have now been used, making 38% of the contract time elapsed. Eleven employees are presently assigned to these projects. Construction layout is now 65% complete.

I 94-1(37)50 Unit 1
Structure and Approaches - Big Horn River 0.22 Miles Yellowstone & Treasure Co.
Contract Awarded - 2-28-77
Amount of Contract - $1,007,315.91
Proceed Order Date 4-18-77
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 635-4651
Custer, Montana
Contract Time: 210 Working Days
Probable Completion Date 9-1-78

No work has been done on the project since the last reporting date. Work remaining to be done on the project is the patching of the snap-tie holes at Pier #3. This work cannot be accomplished until the water level of the Big Horn River recedes. All items on the project remain the same as last reported. The project as a whole is 99% complete with 192 working days or 91% of the contract time elapsed. Structure, approach staking and computations are 87% complete. Twenty-nine man days have been charged to the project during this newsletter period.

I 94-2(17)60 U1 & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Awarded 5-29-75
Amount of Contract - $4,998,829.68
Proceed Order Date 6-26-75
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Custer, Montana
Phone No. 635-4651
Contract Time: 300 Working Days
Completion Date 12-5-77

The final estimate was submitted to the Division office on April 26th and the final data is now 75% checked. The final data will be submitted to Helena August 18, 1978.

I 000B(2)U-4 & F 000B(1)U-3
Revegetation & Pit Reclamation at Various Locations in Stillwater, Yellowstone & Big Horn Counties
Contract Awarded - 3-31-78
Amount of Contract - $34,626.50
Proceed Order Date - 4-21-78
Work Started 4-27-78

BECO, Inc.
Idaho Falls, Idaho
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 15 Working Days
Completion Date 5-18-78

Division office checking of the final quantities is 100% complete and was sent to Helena on July 24, 1978. This will be the final report.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Proceed Order Date 9-14-76
Work Started 10-19-76

McEachern Construction Co.
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 160 Working Days
Completion Date 6-23-78

Division office checking of final quantities is 80% complete and should be submitted to Helena by August 11, 1978.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. N.-Billings
Gr. Agg. Surf., Pl. Mix Surf., Signs
and Signals
Contract Awarded 10-20-76
Contract Amount - $128,510.00
Proceed Order Date 4-18-77
Work Started 3-16-77

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 90 Working Days
Completion Date 6-10-78

The project was completed June 10, 1978, and the Certificate of Completion was issued June 23, 1978. One man worked one day in the office checking final quantities. Manpower permitting, the final estimate should be in the Division office by August 25, 1978.

RS TQS 308-1(3)0 Red Lodge-E. (2nd Section)
4.4 Miles
Grade, Drain, Agg. Surf., PMBB & PMBS Overlay
Carbon County
Contract Awarded 5-31-78
Amount of Contract - $1,159,537.03
Proceed Order Date 6-21-78
Work Started 6-19-78

Wickens Brothers
Lewistown, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 7-15-79

The contractor moved 57,982 Cu. Yds. Unclass. Exc. for a total to date of 119,982 Cu. Yds. Grading Items are 23% complete. The contractor installed 373 rods of F5M fence. Fencing Items are 22% complete. The contractor installed 490' of 24" RCP and 126' of 36" RCP. Drainage Items are 13% complete. A nine man engineering crew has been working on notes, running R/W, cross sectioning topsoil stockpiles and inspecting construction. Construction layout is 50% complete. The project is 12% complete with 17% of the contract time elapsed.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf., Bit. Base, Signing, in Carbon County
Contract Awarded 4-1-77
Contract Amount - $1,122,589.78
Proceed Order Date 4-29-77
Work Started 5-4-77

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 9-30-78

The contractor did not work on the project during this period. Grading Items are 100% complete, Drainage Items are 100% complete, Surfacing Items are 95% complete, Fencing Items are 100% complete, Seeding Items are 100% complete, Signing Items are 100% complete, Guard Rail Items are 100% complete, Canal Items are 100% complete. No engineering personnel were assigned to the project during this period. Construction layout is 100% complete. The project is 98% complete with 91% of the contract time elapsed.

DP TQS 384-2(2)32 So. Section-Sarpy Creek Rd.
8.7 Miles-Pl. Mix Base, Pl. Mix Surf., & Misc. Work
Treasure County
Contract Awarded 7-27-77
Contract Amount - $877,948.10
Proceed Order Date 7-18-77
Work Started 8-30-77

Hilde Construction Co., Inc.
Great Falls, Montana
Donald Kittelson, Fld. Project Mgr.
Phone No. 665-3995
Hardin, Montana
Contract Time: 100 Working Days
Probable Completion Date 8-15-78

Work in progress this reporting period consisted of seal and cover of the roadway which was started on July 25, 1978, and completed on July 29, 1978. The final striping on the project will be done as soon as the roadway has been broomed. The contractor worked two 10.5-hour, one 11.5-hour and one 2-hour shifts with sixteen men employed this reporting period. The Miscellaneous Items remain 96% complete, the Grading Items are 100% complete, Surfacing Items are 100% complete. The Project as a whole is 97% complete with ninety-four working days of the 101 allowed having been used, or 93% of the contract time elapsed. Four men were assigned the seal and cover operation inspection. One three-man and one four-man survey crew are running poppy line for final striping. Engineering layout is 95% complete.

RS TQS 384-1(2)19 Hardin-Sarpy Creek
11.6 Miles
Grade, Drain, Agg. Surf. and PMBB
Big Horn and Treasure Counties
Contract Awarded - 5-31-78
Amount of Contract - $2,507,018.45
Proceed Order Date - 6-21-78
Work Started 7-18-78

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Montana
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 200 Working Days
Probable Completion Date 8-1-79

The contractor began work on the project on July 18, 1978. Work in progress this reporting period consisted of pioneering, clearing, high lathing, fencing and drainage work. The contractor is installing pipe from Sta. 1635+14 to Sta. 1642+20. The contractor worked ten 9-hour shifts with eight men employed this reporting period. The subcontractor, Swan and Sons Construction, began work on the fencing on July 25, 1978. Fence is being erected on the left side from Sta. 1550+00 to Sta. 1629+50 and on the right side from Sta. 1578+00 to Sta. 1629+50. The

RS TQS 384-1(2)19 Hardin-Sarpy Creek Continued
subcontractor worked five 9-hour shifts with eight men employed this reporting period. The Drainage Items are 0% complete. The Fencing Items are 4% complete. The project as a whole is 1% complete with twenty-five working days of the 200 allowed having been used, or 12% of the contract time elapsed. Two four-man and one five-man survey crews worked a total of fourteen days this reporting period. The fence has been staked on the right and left sides from Sta. 1038+31.5 to Sta. 1440+00 and from Sta. 1500+00 to Sta. 1646+75.6. The culverts were staked from Sta. 1497+67.5 to Sta. 1550+00 and from Sta. 1606+25 to Sta. 1646+75.6. The culvert staking is 90% complete. The fence staking is 89% complete. One man is working in the office. Engineering layout is 60% complete.

RS 311-2(3)11 Myers Bridge - N.W.
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base and 81.25' Structure - Treasure County
Contract Awarded 6-6-77
Amount of Contract - $818,564.06
Proceed Order Date 6-27-77
Work Started 6-16-77

Wickens Brothers, Contractors
Lewistown, Montana
John Miner, Fld. Project Mgr.
Custer, Montana
Phone No. 635-4651
Contract Time: 120 Working Days
Probable Completion Date 8-30-78

The most significant item remaining to be done are sealing and cover. The subcontractor has advised this office that he plans on starting this work on August 2nd at the earliest. Percentage complete of various items are as follows: Grading 99%, Drainage 98%, Signing 100%, Fencing 97%, Surfacing 91%, Structure 98%. Project as a whole is 88%. 120 of the allotted 127 working days have now been used, making 95% of the contract time elapsed. One man is working up final quantities in the project office. Construction layout is 97% complete.

HHS 1022(1) 1st Ave. No. & No. 13th St.-Billings
Modify Existing Signals
0.0 Miles
Yellowstone County
Contract Awarded 6-23-78
Amount of Contract $3,296.00
Proceed Order Date 7-14-78
Work Not Started

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 5 Working Days
Probable Completion Date 9-15-78

A preconstruction meeting was held in the Billings Division office on August 1, 1978. The contractor indicated that he would start work on the project as soon as the materials arrive. The Notice to Contractor to Proceed with Work was issued to the contractor on June 23, 1978. No time has been charged against the project awaiting the arrival of materials. No engineering work has been done on the project to date.

HHS 1004(5) Shiloh Rd. & Grand Ave.
Flasher Installation-Yellowstone County
0.1 Miles
Contract Awarded 3-31-78
Amount of Contract - $10,686.00
Proceed Order Date 4-21-78
Work Not Started

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 20 Working Days
Probable Completion Date 9-15-78

No work has been done on the project during the past reporting period. A preconstruction meeting was held in the Billings Division office on August 1, 1978.

HHS 1004(5) Shiloh Rd. & Grand Ave. Continued
The prime contractor, Midland Electric Company, said that the flashers had arrived and that they would start work August 7, 1978. Contract time elapsed has been one working day or 5% with 19 working days remaining. Construction layout is approximately 80% complete. No engineering time has been charged to this project during the past reporting period.

HHS 4-2(1)52 Unit 2-1st Ave. & Railroad St. in Laurel
Grade, Plant Mix Surf. and Curb
0.1 Miles in Yellowstone County
Contract Awarded 3-31-78
Amount of Contract - $20,118.00
Proceed Order Date 4-21-78
Work Started 6-12-78

Rehbein Contracting, Inc.
Plains, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 30 Working Days
Completion Date 6-21-78

The final quantities and supporting data were turned into the Division office on July 28, 1978. Checking is 100% complete and final is ready to submit to Helena. This is the final report.

HHS 16-1(1)0 Cerise Rd.-Billings
0.8 Miles
Grade, Agg. Surf. and Drain
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract $182,726.60
Proceed Order Date 6-21-78
Work Started 7-24-78

Barry O'Leary, Inc.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 40 Working Days
Probable Completion Date 9-15-78

The contractor worked four 8-hour shifts with eight men employed. The work consisted of hauling Fly Ash on a Force Account Work basis to stabilize the subgrade in the extremely wet areas. A five person engineering crew worked seven 8-hour days resetting culvert and slope stakes for the grade changes. The project as a whole is 2% complete with 13% of the contract time elapsed.

PMS 4140(52) Unit 2, 5, 9, 10 & 12
Pavement Markings at Various Intersections in Billings, Sidney, Glendive, Baker, Circle Lewistown, Miles City, Lame Deer, Malta, Poplar, Wolf Point, Saco & Culbertson
Contract Awarded 3-31-78
Amount of Contract - $174,420.36
Proceed Order Date 4-21-78
Work Started 5-22-78

Pacemaker Industries, Inc.
Spokane, Washington
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 120 Working Days
Probable Completion Date 8-30-78

The contractor, Pacemaker Industries, Inc., had an average of seven men employed and worked twelve 8-hour shifts in the Glendive Division finishing the work there on July 27, 1978. They moved to Wolf Point Division July 28th and worked four 8-hour shifts there. Striping Plastic 8" is approximately 85% complete, Striping Plastic 24" is approximately 65% complete and Words and Symbols Plastic is approximately 91% complete. All other items remain the same as previously reported. Contract time elapsed has been 45 working days or 36% with 79 days remaining. The project as a whole is approximately 58% complete.

TQF 9010(24) 27th Street-Billings
0.2 Miles
Street Reconstruction & Traffic Control Devices
Yellowstone County
Contract Awarded 5-31-78
Amount of Contract - $195,926.50
Proceed Order Date 6-21-78
Work Started 7-10-78

COP Construction Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 60 Working Days
Probable Completion Date 9-30-78

The prime contractor, COP Construction Co., had an average of seven men employed and worked fifteen 8-hour shifts removing old sidewalk and curb and gutter, backfilling basement vaults, resetting drop inlet, jackhammering old light pole bases and pouring approach slabs between the railroad tracks. The subcontractor, Quality Concrete Co., had an average of five men employed and worked four 8-hour shifts pouring new curb and gutter right of 27th Street. Remove sidewalk is approximately 40% complete, Excavation-Street is approximately 20% complete and Curb and Gutter-Concrete is approximately 29% complete. A four to five man engineering crew has been working on the engineering layout and inspection. Engineering layout is approximately 60% complete. Contract time elapsed has been 20 working days or 33% with 40 working days remaining. The project as a whole is approximately 20% complete.

RRP 4139(55) Statewide Railroad Crossing Pavement Markings and Signing
Yellowstone, Big Horn, Treasure, Stillwater and Carbon Counties (Billings Division)
Contract Awarded 5-31-78
Amount of Contract - $382,865.10
Proceed Order Date 6-21-78
Work Not Started

Pacemaker Industries, Inc.
Spokane, Washington
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date: Unknown

No engineering personnel was assigned to the above captioned project this past week. Five working days were assessed against the project this past week, for a total of twenty-two (22) to date in this Division.

Respectfully Submitted,

J. B. Randall

per C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/er

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
August 4, 1978

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending August 4, 1978, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies, normal temperatures, and occasional showers and thunderstorms prevailed during the past period. Temperatures ranged from 48° to 96°. ½" to 1½" of precipitation was received throughout the division. Plant mix paving is in progress 8 to 18 miles south of Colstrip - traffic control. Culvert and fencing operations adjacent to P.T.W. from Junction of Mont. 39 to a point 7 miles south. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

F 23-1 (2) 1 - Miles City-South (South Section)
Length - 6.9 Miles
Survey Started: January 3, 1978
Survey Suspended: June 2, 1978

R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 30, 1978

No work was performed on this project during the period. To date, centerline and levels have been run and section ties made on 6.9 miles or 100% complete. Topography has been taken on 6.6 miles or 95% complete. Cross sections have been taken on 4.4 miles or 64% complete. Plan has been plotted on 6.2 miles or 90% complete. 372 man-days have been used. The survey as a whole is 75% complete.

DP 39-1 (3) 27 - Colstrip to I-94 (Center Section)
Length - 10.9 Miles
Design Started: May 16, 1977

A. D. Anderson, Designer II
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Oct. 13, 1978

Work in progress during the past period consisted of making plan-in-hand corrections and inking summary sheets. Utility and R/W prints were submitted to Helena July 26, 1978. 26 man-days were used during the period, making a total of 374 man-days. Design as a whole is 64% complete.

DP 39-1 (3) 38 - Colstrip to I-94
(Armell's Creek - North and South)
Length - 6.4 Miles
Design Started: November 21, 1977

A. D. Anderson, Designer II
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: July 1, 1979

Work in progress during the past period consisted of submitting data processing forms for the third earthwork run and cross-section plot. One man-day was used during the period, making a total of 56 man-days. Design as a whole is 13% complete.

RS 000S (61) - Signing Secondary Routes
(Powder River County)
Contract Not Let

C. D. Murray, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093

This project was included in the August 27, 1978, letting but has not been awarded as of this date. A five-man engineering crew was assigned to this project August 2, 1978. Construction layout is 25% complete.

S 447-1 (1) 29 - 8 Miles So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: May 20, 1979

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 mile or 1% complete. The survey as a whole is 30% complete.

RS 544-1 (1) 26 - Boyes-South
Length - Approx. 7.9 Miles
Survey Started: November 17, 1975

D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Prob. Compl. Date: Dec. 31, 1978

Work in progress during the past period consisted of running levels and establishing bench marks on 7.9 miles. To date, centerline and levels have been run and bench marks established on 7.9 miles or 100% complete. 47 man-days were used, making a total of 141 man-days. The survey as a whole, with a six-man engineering crew engaged, is 25% complete.

DP 566-1 (1) - Tongue River Bridge
and Approaches S.W. of Birney
Length - 0.5 Mile
Design Started: June 20, 1978

A. B. Anderson, Designer II
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 22, 1978

Work in progress during the past period consisted of working on the summary sheets and submitting design data to Helena for review. Two man-days were used during the period, making a total of 26 man-days. Design as a whole is 22% complete.

M 8004 (1) - Montana Avenue (Miles City)
Length - 1.1 Miles
Survey Started: January 3, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: August 30, 1978

No work was performed on this location survey during the past period. To date, centerline and levels have been run, cross sections and topography taken, section ties made, drainage areas run, field notes checked, plan and profile plotted on 1.14 miles or 100% complete. 136 man-days have been used. The survey as a whole is 98% complete.

M 8008 (1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: August 30, 1978

No work was performed on this project during the past period. To date, centerline and levels have been run, cross sections and topography taken, and section ties made on 1.0 mile, or 100% complete. Plan has been plotted on 0.5 mile or 50% complete. Field notes have been checked on 0.5 mile or 50% complete. 101 man-days have been used. The survey as a whole is 80% complete.

I 94-3 (29) 90 U-2 - Forsyth-East and West
Length - 5.745 Mi. Grade., Gravel Surf.
Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, and 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - U.S. 12-I. Conn.-Forsyth
Length - 0.306 Mile Grad., Gravel Surf.
Pl. Mix Surf., Sign., and 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R. R. Garland, Fld. Proj. Mngr. (Roadway)
W. D. Dane, Fld. Proj. Mngr. (Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Prob. Compl. Date: Sept. 1, 1978

All items are completed with the exception of shrubs and trees. The establishment period for these items is September 1, 1978. The contract as a whole is 99% complete with 85% of the contract time elapsed. A one-man engineering crew is working on final data.

I 94-3 (27) 114 - Hathaway-East and West
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., and 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Contract Time: 200 Working Days
Act. Compl. Date: Oct. 22, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 22, 1977. Formal inspection and acceptance were made October 24, 1977. The final estimate was submitted to the Division Office January 10, 1978, and is currently 98% complete.

F-TQF 23-3 (2) 119 - Broadus-Wyoming Line
Length - 20.4 Miles Plant Mix Overlay
Contract Let: April 27, 1978
Proceed Order: May 22, 1978
Amount of Contract: $1,580,737.80
Work Not Started

Hilde Constr. Co., Contractor
Great Falls, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Contract Time: 90 Working Days
Prob. Compl. Date: July 1, 1979

No work was performed on this project during the period. To date, centerline and offset line have been run on 20.4 miles or 100% complete. Construction layout is 40% complete. 47% of the contract time has elapsed. The survey crew was temporarily assigned to project RS 544-1 (1) 26 June 22, 1978. To date, the contractor has not adivsed us when he plans to begin work.

F-TQF 39-1 (12) 3 - Lame Deer-Colstrip
(South Section)
Length - 9.7 Miles Reshaping, Pl. Mix Overlay, Reflective Cracking Fabric and Delineation
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $1,048,140.10
Work Started: May 8, 1978

R. J. Studer & Sons Co., Contractor
Billings, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 125 Working Days
Prob. Compl. Date: Sept. 30, 1978

F-TQF 39-1 (12) 3 - Lame Deer-Colstrip (Continued. . .)
(South Section)

Progress during the past period has been fair. 1,836 tons of base course were placed making a total of 25,828 tons or 90% complete. 24,647 tons of Grade C plant mix bituminous surfacing were placed making a total of 26,727 tons or 83% complete. The contractor worked twelve 10-hour shifts hauling material to the roadway and thirteen 16-hour shifts crushing and stockpiling cover material with an average of 45 men employed. The project as a whole is 65% complete with 44% of the contract time elapsed. Construction layout, with a nine-man engineering crew engaged, is 80% complete.

F 39-1 (1) 13 - Colstrip-Lame Deer
(North Section)
Length - 7.5 Mi. Pl. Mix Overlay
Contract Let: March 31, 1977
Proceed Order: April 22, 1977
Amount of Contract: $678,362.60
Work Started: May 26, 1977

Baltrusch Constr. Co., Contractor
Havre, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 80 Working Days
Act. Compl. Date: Oct. 19, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 19, 1977. Formal inspection and acceptance were made October 27, 1977. The final estimate was submitted to the Division Office January 16, 1978, and is currently 90% complete.

F-TQF-DP 39-1 (5) 44 U-1 - Colstrip to I-94
(North Section)
Length - 7.0 Miles Grade., Agg. Surf., and Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $2,397,998.99
Work Started: June 20, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
R. R. Garland, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 200 Working Days
Prob. Compl. Date: July 1, 1979

Progress during the past period has been fair. Grading operations started August 2, 1978. To date, 10,000 cu. yds. of unclassified excavation have been moved or 1% complete. 936 lineal feet of R.C.P. culvert were placed making a total of 1,100 lineal feet or 17% complete. 259 rods of fence were installed making a total of 1,206 rods or 27% complete. The contractor worked fifteen 9-hour shifts with 14 men employed. The project as a whole is 3% complete with 27% of the contract time elapsed. Construction layout, with a 7-man engineering crew engaged, is 70% complete.

F-TQF-DP 39-1 (5) 44 U-2 - Colstrip to I-94
(North Section)
Two 17.5' and one 11.5' Timber & Conc. Stockpasses
Contract Let: May 25, 1978
Proceed Order: June 21, 1978
Amount of Contract: $112,229.05
Work Not Started

Earth Builders, Inc., Contractor
Bismarck, North Dakota
W. D. Dane, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230
Contract Time: 60 Working Days
Prob. Compl. Date: Sept. 15, 1978

A preconstruction conference was held in Miles City June 27, 1978. The contractor plans to start work about August 4, 1978, or when the detour is completed by the road contractor at Station 1610+75. The project as a whole is 0% complete with 5% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 25% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles S.E. of Miles City-N.W.
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 180 Working Days
Act. Compl. Date: Oct. 25, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 25, 1977. Formal inspection and acceptance were made November 2, 1977. The final estimate was submitted to the Division Office January 16, 1978, and is currently 91% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 160 Working Days
Act. Compl. Date: May 25, 1978

All items were completed in conformance with Plans, Specifications, and Special Provisions, May 25, 1978. Formal inspection and acceptance were made May 25, 1978. The final estimate is currently 85% complete.

SOS 9 (3) - Cemetery Road-Miles City
1.2 Mi. Widening, Reshaping, and Plant Mix Paving
Contract Let: July 10, 1978
Amount of Contract: $74,496.16
Work Started: August 1, 1978

Portable Pavers, Inc. Contractor
Miles City, Montana
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Stipulated Compl. Date: Sept. 1, 1978
Prob. Compl. Date: Sept. 1, 1978

Portable Pavers, Inc., began work on this project August 1, 1978. Work in progress since that date consisted of hauling and placing 350 tons of 1½" pit run gravel for shoulder widening making a total of 350 tons or 13% complete. The contractor worked two 8-hour shifts with an average of 8 men employed. The project as a whole is 5% complete with 46% of the contract time elapsed. Construction layout, with a 3-man engineering crew engaged, is 30% complete.

SOS 38 (2) - Broadus
Sidewalks, Curb & Gutter
Contract Let: June 9, 1978
Amount of Contract: $27,539.24
Work Started: July 10, 1978

Meidinger Constr., Contractor
Miles City, Montana
D. F. Borer, Fld. Proj. Mngr.
Broadus, MT - Tel. No. 436-2264
Compl. Date: Sept. 1, 1978
Prob. Compl. Date: Sept. 15, 1978

No work was performed on this project during the period. The contractor has not been able to work on major items due to a severe shortage of Portland Cement. Placement of curb and gutter will commence as soon as Portland Cement is available. Construction layout is 50% complete.

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:rjs

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

AUGUST 4, 1978

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of July 15, 1978 through August 4, 1978.

GENERAL

The temperature varied from 88°F above to 36°F above zero with 0.41 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

RF 14-2 (01) 75 Martinsdale-East & Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71
Survey Completed:

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: No work was accomplished in the field this reporting period. Section Ties remain 25% complete. Bridge situation survey was submitted to Helena on 9/19/73. Drainage and Irrigation notes, including field recommendations were submitted to Helena on 7/18/73. Tracing Plan and Profile Template on cross-sections are 100% complete. The design as a whole is 20% complete with 68 man-days expended on design to date. The design has temporarily been suspended pending alignment study.

Two Dot-West: A three man crew expended nineteen man-days this reporting period completing checking Field Notes, drawing up section tie traverse notes, checking coordinate sheets and computing section ties, and making up section tie notes. All Field notes and computations of section tie crossings were submitted to the Division Office August 2, 1978. Bridge situation survey was submitted to Helena on 9/19/73. I.B.M. Run No. 2 was received on 9/29/77. The P.I.H. survey was held August 31, 1977. P.I.H. changes remain 50% complete. The design as a whole is 60% complete, pending Hydraulics recommendations.

RS 236-1 (01)49 PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Archeological Subsurface studies are being conducted by a team from the University of Montana with assistance by the Division Lab. No other work is being done on this project at this time.

RS 294-1 (01) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Completed:

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

F 57-2(02)3 Stanford East & West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Suspended: 4/6/77
Survey Resumed: 5/19/77

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

There has been no work on the survey as the crew has been assigned to other projects. Items and percentages of completion are as per the July 3, 1978 report.

F 57-3 (03) 122 Winnett-West
Approximate Length: 9.3 Miles
Survey Suthorized: 2/15/72
Survey Started: 11/25/74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was accomplished in the field this reporting period. The Consulting Engineering Company has completed re-establishing the section corners as per agreement. The section tie plans and recordation forms were received on June 6, 1978 from Zuck-Peterson and Co., Consulting Engineers. One man worked four man-days checking the plans, recordation forms and conducting a field review of the established corners. Section ties remain 33% complete. The survey as a whole is about 85% complete with a total of 555 man-days expended to date.

DESIGN: No work this reporting period. Tracing plan and profile linens remain 80% complete. Preliminary grades are 90% complete. The design as a whole is 11% complete with 29 man-days expended to date.

RS 462-2 (1)15 Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

The completed location and supporting data was submitted to the Division Office 6/19/78. Hydraulics recommendations were received from Helena on 6/29/78. The P.I.H. was held November 14 and 15, 1977. Sixteen man-days were used making P.I.H. changes for 90% complete. The design as a whole is 76% complete with 232 man-days expended to date.

F 57-4 (1)130 Winnett-East & West
Approximate Length: 6.5 Miles
Survey Authorized: 2/5/72
Survey Started: 3/9/72

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A five man engineering crew worked nine days and a four man engineering crew worked six days the past reporting period. Work consisted of re-establishing centerline, referencing right of way changes and running reference line from Station 267+00 to Station 375+00 making these items 90% complete. Utility authorizations have been held up pending R/W settlement. Mid-Rivers Telephone Cooperative, Inc. plan to begin utility adjustments 8/7/78, however Fergus Electric has not advised when their utility adjustment will begin. This project is scheduled for August 24th letting. Construction layout is 10% complete with eight engineering personnel assigned to the project.

RS 000S (57) Musselshell County
Signing Graveled Secondaries
Approximate Length: 17.3 Miles
Survey Authorized: 6/28/77
Survey Started:

Unassigned at this time

Field Survey completed by Division Traffic Engineer and submitted to Helena Traffic Section for review.

M 7106 (3) Spring Street 8th-11th, Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/6/76

HKM Associates
Consulting Engineers
Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held July 14, 1978. Consultant is revising plans and another Plan-In-Hand will be held at a later date.

M 7106 (1) 4th Avenue - Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete. Final Plan-In-Hand held July 14, 1978. Consultant is revising plans and another Plan-In-Hand will be held at a later date.

M 7103 (1) Airport Road - Lewistown
Approximate Length: 1.4 Miles
Survey Authorized: 12/6/76
Survey Started: 12/12/77
Survey Suspended: 12/16/77
Survey Resumed: 5/9/78

Mitch J. Miller
Designer II
Lewistown, Montana

All location and supporting data was submitted to the Division Design section on June 16, 1978. Plotting and inking cross sections are 100% complete.

RS 245-1 (1) 6 Miles Northwest-Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started: 5/1/78

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, sixty-four percent of the R/W 72 authorization forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1 (01)9 Hedgesville-North
Approximate Length: 6.0 Miles
Survey Authorized: 1/31/78
Survey Started:

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed this reporting period. Eight man-days have been expended to date establishing land ownerships along the proposed route.

RS 238-1 (01)0 Lewistown-South
Approximate Length: 2.7 Miles
Survey Authorized: 11/2/77
Survey Started: 4/13/78

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 25, 1978. Sixteen man-days were used drawing and summarizing summaries for 100% complete; designing miscellaneous items for 100% complete; drafting preliminary estimate and special provisions for 95% complete. The design as a whole is 48% complete with 46 man-days expended to date.

RS 294-1 (02)12 Lennep East & West
Approximate Length: 7.0 Miles
Survey Authorized: 5/24/77
Survey Started: 7/5/78

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

One hundred one man-days were expended the past reporting period completing the centerline and closure traverse, setting new control points and running centerline. Items and percentages of completion are as follows: centerline and closure traverse run and co-ordinates run and checked - 100% complete; control points established and referenced stations 0+00 to 125+00 or 34% complete; centerline run stations 0+00 to 125+00 or 34% complete and ownerships established 100% complete. All other items are 0% complete. The overall survey is 12% complete with 160 man-days expended to date.

F 14-4(2)125 Pipe Failure - Ryegate
120" Diam. Pipe Failure near Ryegate
Approximate Length: None
Survey Authorized: 12/6/77
Survey Started:

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

F 14-4(2)125 Pipe Failure - Ryegate . . Continued

Fifteen man-days were expended on the project during the past reporting period. Work consisted of taking roadway cross-sections from Station 470+00 to 491+72.2, extending cross-sections Rt. Station 480+00 to 483+00, and plotting contour lines to determine runoff storage capacity above the pipe. A total of 28 man-days have been expended to date on the location survey.

CONSTRUCTION

F 61-4 (2)88 Slide Correction North of Fred Robinson Bridge
0.1 Mile Slide Correction
Contract Let: 7/28/77
Contract Amount: $122,121.50
Work Started: 8/22/77

Stuber Construction Company
Glasgow, Montana
Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Completion Date: 5/16/78
Effective Opening Date:

The project was completed on May 16, 1978. Final inspection and acceptance was made by R.W. Freeman, Supervisor, Division Construction Section on May 16, 1978. The Final Estimate was submitted to the Division Office on June 12, 1978 and was submitted to the Construction Bureau July 20, 1978. This will be the last entry for this project.

ER 72 (21) Melstone-Mosby
F 57-4 (4)158 Riprap Musselshell River
Flood Damage Repair
Petroleum & Garfield Counties
Contract Awarded: 12/15/77
Contract Amount: $244,414.26
Work Started: 3/16/78
Work Suspended: 3/21/78

Rehbein Contracting, Inc.
Plains, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Probable Completion Date: 9/1/78
Effective Opening Date: Does Not Apply

Progress the past reporting period has been poor. The contractor worked two ten hour shifts with ten man employed. Work consisted of completing production and laydown of 1½" Grade 5 surfacing material. Unclassified excavation and installation of culverts is 100% complete. Fertilizing and seeding on Project F 57-4 is 100% complete. Construction work has been suspended since 7/17/78 mainly due to high water elevations in the Musselshell River preventing placement of Riprap. The project as a whole is 40% complete with 33% of the contract working days expended. Construction layout is 90% complete with a two man engineering crew assigned for supervision and inspection.

SMP 3099-77 Meagher County
Maintenance Stockpile
Contract Awarded: 12/15/77
Contract Amount: $64,840.00
Work Started: 3/15/78

Empire Sand & Gravel Co., Inc.
Billings, Montana
Carl W. Park, Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 35 Working Days
Completion Date: 6/19/78

SMP 3099-77 Meagher County . . Continued

Contractor completed erecting temporary fence on 6/19/78. Project was inspected and accepted by R.W. Freeman, Division Construction Supervisor. Thirty-four man-days were expended. Final estimate and supporting data were submitted to Division Construction Office on 6/20/78 and was submitted to the Construction Bureau July 21, 1978. This will be the last entry for this project.

F 57-3 (4) 112 Grass Range - East
Length: 8.7 Miles
Contract Let: 6/22/78
Contract Awarded: 6/23/78
Bid Price: $510,846.15

R.J. Studer & Sons
Billings, Montana
Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Probable Completion Date: 10/20/78
Effective Opening Date:

No work has been accomplished to date. The Preconstruction Conference was held in the Lewistown Division Office July 18, 1978 at 10:00 A.M. The Contractor anticipates moving onto the project and beginning crushing operations during the week of August 7, 1978. Maintenance Forces have completed widening of the shoulders and priming of the ½" C.T.S. Gr. A, and have begun finishing of the roadway slopes and ditches. Progress has been hampered by wet working conditions in the roadway ditches. The project as a whole is 0% complete with 10% of the contract time elapsed. A five man engineering crew is assigned to the project.

ER 72 (23) Lewistown-Southeast
Flood Damage Repair
Fergus County
Contract Awarded: 3/31/78
Contract Amount: $84,282.80

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil, P.E.
Field Project Manager
Telephone: 538-8731
Contract Time: 45 Working Days
Completion Date: 6/23/78
Effective Opening Date: Does Not Apply

One man worked 4 days on the Final Estimate, Explanatory Notes and Comparison Sheets. The Final Estimate will be submitted to the Division Office by August 10, 1978. The engineering crew is currently working on other construction and preconstruction projects.

PMS 4140 (52)U-9 Pavement Markings
Length: N/A
Pavement Markings-Various Intersections
Lewistown
Contract Awarded: 5/31/78
Contract Amount: $16,774.00

Pacemaker Industries, Inc.
Spokane, Washington
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 120 Working Days

A three man crew worked one day and two men worked one day on construction layout making construction layout 95%complete. 0% of the U-9 portion of the contract is complete and 0% of the contract time elapsed. The contractor anticipates beginning work about August 7, 1978.

RRP 4139(55) Rail Crossing
Pavement Markings-Statewide
Length: N/A
Rail Crossing-Pavement Markings-Statewide
Contract Awarded: 5/31/78
Contract Amount: $382,865.10

Pacemaker Industries, Inc.
Spokane, Washington
Charles Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 90 Working Days

There has been no work on the project. The contractor anticipates commencing operations on August 7, 1978. Construction layout remains 20% complete with 0% of the Lewistown portion of the contract complete and 0% of the contract time elapsed.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section

RWF/JHP/den

cc: Field Project Managers
File

RRP 4139 (55)
Protective markings
Railroad Highway Crossings
Statewide Fed. Aid Rte.'s R.R. Xings
Contract Awarded: May 31, 1978
Contract Amount: $382,865.10
Work Started: July 17, 1978

Pacemaker Inductries, Inc.
Spokane, Washington
R. E. Ewing, Const. Inspector
Helena, Montana
Telephone: 449-2488
Contract Time: 90 Working Days
Probable Completion Date: Sept. 30, 1978

The contractor began work July 17 in the Bozeman and Glendive divisions. The pavement marking portion of the contract has been completed in the Bozeman, Glendive and Wolf Point Divisions. The contractor is now working in the Butte and Lewistown Divisions. There has been 20828 linear feet of 24" plastic or 36% complete, 13193 square feet of words and symbols or 36% complete. The project as a whole is 20% complete with 16% of the contract time elapsed.

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
DECEMBER 9, 1977

MONTHLY PROGRESS REPORT

DIRECT FEDERAL CONSTRUCTION

December 9, 1977

MONTANA

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	115	Completed November 11, 1977	R. J. Studer & Sons ~~$3,464,525.00~~ ~~$3,441,860.00~~ ~~$3,473,520.00~~ $3,554,929.00 Final Amount